

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT6681915

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CURT HOGAN	02/14/2018
PAUL OPPENHEIMER	02/22/2018
IVAN GALYSH	01/31/2018
JORDAN R. SCHLATER	02/14/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY
<b>Street Address:</b>	875 NORTH RANDOLPH STREET, SUITE 1425
<b>City:</b>	ARLINGTON
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	22203
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14229905
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Email:</b>	patent.docketing@nrl.navy.mil
<b>Correspondent Name:</b>	MARY SCOTT
<b>Address Line 1:</b>	4555 OVERLOOK AVENUE, SW
<b>Address Line 4:</b>	WASHINGTON, D.C. 20375
<b>ATTORNEY DOCKET NUMBER:</b>	101084-US3
<b>NAME OF SUBMITTER:</b>	MARY SCOTT
<b>SIGNATURE:</b>	/MaryScott/
<b>DATE SIGNED:</b>	04/28/2021
<b>Total Attachments: 9</b>	
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## ASSIGNMENT

**WHEREAS**, I, Curt Hogan, of Napoleon, OH, while employed by the Government of the United States, have invented certain new and useful improvements in " Separation System and Burn Wire Release Mechanism for Tethered Spacecraft", set forth in a Provisional application 61/540,674 filed on September 29, a PCT application PCT/US12/57947 filed on September 28, 2012, and an Application for Letters Patent of the United States, filed on March 29, 2014 as U.S. Application No. 14,229,905; and

**WHEREAS**, The Government of the United States of America, as represented by the Secretary of the Navy, a Federal Agency (hereinafter referred to as the Government), is desirous of acquiring the entire right, title and interest in and to said inventions and said Applications for Letters Patent of the United States, and in and to any Letters Patent to be obtained therefor and thereon within all Patent Cooperation Treaty member states;

**NOW, THEREFORE**, in consideration of good and sufficient consideration, the receipt of which is hereby acknowledged, I hereby assign, transfer and set over, unto the Government, its successors, legal representatives and assigns, my entire right, title and interest in and to the above-mentioned inventions and applications for Letters Patent in the United States and all Patent Cooperation Treaty member states, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said applications, and any and all Letters Patent in the above listed countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Government, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by me, had this assignment not been made. This assignment is made nunc pro tunc September 11, 2011.


**AND** for the same consideration, I hereby represent and warrant to the Government, its successors, legal representatives and assigns, that, except for any rights, titles and/or interests that have arisen to the Government under law or that have already been transferred to the Government, my right, title and interest in and to the above-mentioned inventions and applications is unencumbered and that I have good and full right and lawful authority to sell and convey my right, title and interest in the inventions and applications in the manner herein set forth.

**AND** I agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the applications and of any continuation, continuation-in-part, division, or substitution of the applications, any applications for reissue, reexamination, or extension of said Letters Patent, and in any pre-grant or post-grant proceeding in connection with said applications and said Letters Patent including but not limited to interference or inter-partes reviews, in all of the above listed countries, without charge to the government; and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

**AND** I hereby also grant unto the Government, the right to claim priority to the application(s) identified above.

**AND** I hereby grant to all practitioners at Customer Number 26384 (US Naval Research Laboratory, 4555 Overlook Ave, SW, Code 1008.2, Washington, DC 20375) the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States of America or any foreign patent office for recordation of this document.

Date: 2/14/18

Signature:   
Curt Hogan, Inventor

## ASSIGNMENT

**WHEREAS**, I, Paul Oppenheimer, of Providence, UT, while employed by the Government of the United States, has invented certain new and useful improvements in " Separation System and Burn Wire Release Mechanism for Tethered Spacecraft ", set forth in a Provisional application for Letters Patent of the United States, filed on March 29, 2014 as U.S. Application No. 14,229,905; and

**WHEREAS**, The Government of the United States of America, as represented by the Secretary of the Navy, a Federal Agency (hereinafter referred to as the Government), is desirous of acquiring the entire right, title and interest in and to said inventions and said Applications for Letters Patent of the United States, and in and to any Letters Patent to be obtained therefor and thereon within all Patent Cooperation Treaty member states;

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Date: 2/22/2018 Signature:   
Paul Oppenheimer, Inventor

## ASSIGNMENT

WHEREAS, I, Ivan Galysk, of Chantilly, VA, while employed by the Government of the United States, have invented certain new and useful improvements in " Separation System and Burn Wire Release Mechanism for Tethered Spacecraft", set forth in a Provisional application 61/540,674 filed on September 29, a PCT application PCT/US12/57947 filed on September 28, 2012, and an Application for Letters Patent of the United States, filed on March 29, 2014 as U.S. Application No. 14,229,905; and

WHEREAS, The Government of the United States of America, as represented by the Secretary of the Navy, a Federal Agency (hereinafter referred to as the Government), is desirous of acquiring the entire right, title and interest in and to said inventions and said Applications for Letters Patent of the United States, and in and to any Letters Patent to be obtained therefor and thereon within all Patent Cooperation Treaty member states;

NOW, THEREFORE, in consideration of good and sufficient consideration, the receipt of which is hereby acknowledged, I hereby assign, transfer and set over, unto the Government, its successors, legal representatives and assigns, my entire right, title and interest in and to the above-mentioned inventions and applications for Letters Patent in the United States and all Patent Cooperation Treaty member states, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said applications, and any and all Letters Patent in the above listed countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Government, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by me, had this assignment not been made. This assignment is made nunc pro tunc September 29, 2011.

AND for the same consideration, I hereby represent and warrant to the Government, its successors, legal representatives and assigns, that, except for any rights, titles and/or interests that have arisen to the Government under law or that have already been transferred to the Government, my right, title and interest in and to the above-mentioned inventions and applications is unencumbered and that I have good and full right and lawful authority to sell and convey my right, title and interest in the inventions and applications in the manner herein set forth.

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Date: Jan 31, 2018

Signature:   
Ivan Galysch, Inventor

## ASSIGNMENT (UNITED STATES PATENTS)

WHEREAS, I, Jordan R. Schlater, of Washington, DC, while employed by the Government of the United States, has invented certain new and useful improvements in " Separation System and Burn Wire Release Mechanism for Tethered Spacecraft ", set forth in a Provisional application for Letters Patent of the United States, filed on March 29, 2014 as U.S. Application No. 14,229,905; and

WHEREAS, The Government of the United States of America, as represented by the Secretary of the Navy, a Federal Agency (hereinafter referred to as the Government), is desirous of acquiring the entire right, title and interest in and to said inventions and said Applications for Letters Patent of the United States, and in and to any Letters Patent to be obtained therefor and thereon within all Patent Cooperation Treaty member states;

NOW, THEREFORE, in consideration of good and sufficient consideration, the receipt of which is hereby acknowledged, I hereby assign, transfer and set over, unto the Government, its successors, legal representatives and assigns, my entire right, title and interest in and to the above-mentioned inventions and applications for Letters Patent in the United States and all Patent Cooperation Treaty member states, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said applications, and any and all Letters Patent in the above listed countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Government, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by me, had this assignment not been made. This assignment is made nunc pro tunc September 29, 2011.

AND for the same consideration, I hereby represent and warrant to the Government, its successors, legal representatives and assigns, that, except for any

rights, titles and/or interests that have arisen to the Government under law or that have already been transferred to the Government, my right, title and interest in and to the above-mentioned inventions and applications is unencumbered and that I have good and full right and lawful authority to sell and convey my right, title and interest in the inventions and applications in the manner herein set forth.

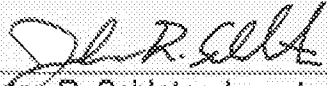
AND I agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the applications and of any continuation, continuation-in-part, division, or substitution of the applications, any applications for reissue, reexamination, or extension of said Letters Patent, and in any pre-grant or post-grant proceeding in connection with said applications and said Letters Patent including but not limited to interference or inter-partes reviews, in all of the above listed countries, without charge to the government; and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

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Date: 02/14/2018

Signature: \_\_\_\_\_

  
Jordan R. Schlater, Inventor