PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MR PHILIP DUDT	10/04/2017
MR ROSHDY GEORGE BARSOUM	10/02/2017

RECEIVING PARTY DATA

Name:	THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE NAVY
Street Address:	875 NORTH RANDOLPH STREET
Internal Address:	ONE LIBERTY STREET, CODE OOCIP
City:	ARLINGTON
State/Country:	VIRGINIA
Postal Code:	22203

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15719951

CORRESPONDENCE DATA

Fax Number: (301)227-1968

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.

Phone: 3012272004

Email: dave.ghatt@navy.mil

Correspondent Name: DAVE GHATT

Address Line 1: 9500 MACARTHUR BLVD

Address Line 2: OFFICE OF COUNSEL, BLDG 42

Address Line 4: WEST BETHESDA, MARYLAND 20817

ATTORNEY DOCKET NUMBER:	106,892
NAME OF SUBMITTER:	DAVE A. GHATT
SIGNATURE:	/Dave Ghatt/
DATE SIGNED:	07/16/2020

Total Attachments: 2

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PATENT REEL: 053225 FRAME: 0879

506156451

ASSIGNMENT OF INVENTION

WHEREAS I (we), Philip Dudt of North Bethesda, Maryland, and Roshdy George Barsoum of McLean,
Virginia, while employed by the Government of the United States of America, hereinafter referred to as the Government,
have made an invention entitled "Apparatus and Method for Outer Surface Enhancement and Compaction of
a Spherical Structure Using Glass Failure Generated Pulse" identified as Navy Case No. 106,892 and described
in application for Letters Patent of the United States of America as executed by me (us) on
2017; and

WHEREAS, the conditions under which the invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest therein, including foreign rights; and

WHEREAS, the Government desires to obtain the entire right, title and interest in and to the invention disclosed in said application within the United States of America, its territories and possessions and other rights and benefits herein granted; and

WHEREAS, the Government desires an option to obtain the foreign rights in and to the invention;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, I (we) hereby assign and transfer to the United States of America as represented by the Secretary of the Navy the entire right, title, and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title, and interest in and to said application and any continuation, division or substitution thereof, and such Letters Patent as may issue therefrom and any reissue or extensions thereof, said invention, application and Letters Patent to be held by the United States of America as represented by the Secretary of the Navy to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this assignment not been made.

I (We) do hereby also grant to the Government, the option to take the entire right, title, and interest in and to the invention and all patent applications, patents and other forms of protection thereon in countries foreign to the United States of America within eight months of the filing date of any application for United States Letters Patent covering the invention; such option to be exercised by a written notification to me (us) within such eight months identifying the specific foreign countries in which the Government will file or cause to be filed an application for patent or other form of protection on the invention; and that the rights in the foreign countries not exercised under the option are left to me (us) subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on the invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

I (WE) hereby further 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 application and any continuation, division or substitution of the application, or any application for reissue or extension of said Letters Patent, 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.

IN TESTIMONY WHEREOF, I (we) have set my (our) hand(s) and affixed my (our) seal(s).

9 Oct 20/7 Date	Philip Dudt	
2 W. V	Phily Dust	
Date	Roshdy George Barsaum	_ Seat

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PATENT

REEL: 053225 FRAME: 0880

ASSIGNMENT OF INVENTION	
WHEREAS I (we), Philip Dudt of North Bethesda, M Virginia, while employed by the Government of the United S have made an invention entitled "Apparatus and Method a Spherical Structure Using Glass Failure Generated in application for Letters Patent of the United States of Americal 7; and	tates of America, hereinafter referred to as the Government, for Outer Surface Enhancement and Compaction of Pulse" identified as Navy Case No. 106,892 and described
WHEREAS, the conditions under which the invention Paragraph 1(a) of Executive Order 10096, to the entire right,	n was made are such as to entitle the Government under title, and interest therein, including foreign rights; and
WHEREAS, the Government desires to obtain the er in said application within the United States of America, its tengranted; and	ntire right, title and interest in and to the invention disclosed critories and possessions and other rights and benefits herein
WHEREAS, the Government desires an option to obt	tain the foreign rights in and to the invention;
NOW, THEREFORE, in consideration of the premise which is hereby acknowledged, I (we) hereby assign and transfecterary of the Navy the entire right, title, and interest in and territories and possessions, and the entire right, title, and interest or substitution thereof, and such Letters Patent as may issue to invention, application and Letters Patent to be held by the Un Navy to the end of the term for which said Letters Patent may been held by me (us) had this assignment not been made.	d to said invention within the United States of America, its rest in and to said application and any continuation, division herefrom and any reissue or extensions thereof, said lited States of America as represented by the Secretary of the
I (We) do hereby also grant to the Government, the of invention and all patent applications, patents and other forms States of America within eight months of the filing date of an invention; such option to be exercised by a written notification specific foreign countries in which the Government will file of protection on the invention; and that the rights in the foreign subject to a nonexclusive, irrevocable, royalty-free license to which may issue on the invention in any foreign country, include Government and/or in furtherance of the foreign policies of the	by application for United States Letters Patent covering the on to me (us) within such eight months identifying the or cause to be filed an application for patent or other form of countries not exercised under the option are left to me (us) the Government in any patent or other form of protection luding the power to issue sub-licenses for use in behalf of the
I (WE) hereby further agree to make, execute, and de affidavits, statements or other instruments that may be necess continuation, division or substitution of the application, or an and to assist the Government in every way in protecting the in arising through such efforts will be paid by the Government.	y application for reissue or extension of said Letters Patent,
IN TESTIMONY WHEREOF, I (we) have set my (our) hand(s) and affixed my (our) seal(s).	
	Seal
Date Phil	lip Dudt
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PATENT REEL: 053225 FRAME: 0881