PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6495459

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RICHARD P BERUBE	01/12/2021
THOMAS A MERCHANT	01/04/2021

RECEIVING PARTY DATA

Name:	THE UNITED STATES OF AMERICA
Street Address:	1176 HOWELL STREET
Internal Address:	NAVAL UNDERSEA WARFARE CENTER
City:	NEWPORT
State/Country:	RHODE ISLAND
Postal Code:	02841

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17148602

CORRESPONDENCE DATA

Fax Number:

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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NAVAL UNDERSEA WARFARE CENTER DIVISION N **Correspondent Name:**

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Address Line 2: BLDG. 102T

Address Line 4: NEWPORT, RHODE ISLAND 02841

ATTORNEY DOCKET NUMBER:	101507
NAME OF SUBMITTER:	MICHAEL P. STANLEY
SIGNATURE:	/Michael P. Stanley/
DATE SIGNED:	01/14/2021

Total Attachments: 2

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> **PATENT** REEL: 054912 FRAME: 0640

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This	assignment i	s being	signed	after	filing,	the	U.S.	Patent	Application	Serial	No.	is	
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ASSIGNMENT

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impro	WHEREAS, I/We, RICHARD P. DE ISLAND, while employed by the vements in A FLUID MEDIUM VE ation for Letters Patent of the United	e Government of the United S EHICLE identified as ATTO	States, have invented co DRNEY DOCKET No	ertain new and useful
	WHEREAS, this invention was jo	intly made with	, employees of a Go	vernment Contractor; and
	WHEREAS, the Government of the Government, is desirous of acquiring the terein granted; and	he United States, represented an assignment of the invent	by the Secretary of the ion disclosed in said ap	Navy and hereinafter referred plication and other rights and
1(a) of	WHEREAS, the conditions under Executive Order 10096, to the entire	which the invention was ma e right, title and interest there	de are such as to entitle in, including foreign ri	the Government under Paragraghts; and
	WHEREAS, as to foreign rights, i	it is the policy of the Government	ment to obtain an option	n to exercise such rights;
invent applic reissue for wh	NOW, THEREFORE, in consider by acknowledged, I/We hereby assign within the United States of Ameration and any continuation, division, e or extensions thereof, said invention hich said Letters Patent may be granteen made.	gn and transfer to the Govern rica, its territories and possess or substitution thereof, and s n. application and Letters Pat	ment my entire right, to sions, and the entire rig uch Letters Patent as ment to be held by the G	tle and interest in and to said th, title and interest in and to sa ay issue therefrom and any overnment to the end of the terr
may f provio the Go United is late which	I/We do hereby also grant unto the tent applications or other forms of profile, or cause to be filed, applications to the ded, however, that I may elect to take overnment is not pursuing internation of States Letters Patent covering the irre, subject to a nonexclusive, irrevocal may issue on said invention in any furnment and/or in furtherance of the form	otection thereon in all country for Letters Patent or other for a foreign rights in the invention hal patent protection within eight invention, or within eight mor ble, royalty-free license to the foreign country, including the	ms of protection, without, or applications or of ight months of the filing of the filing of the form the declassifice Government in any part power to issue sub-lice	but payment of any consideration thereon g date of any application for cation of the invention, whichevatent or other form of protection
substi every	I/We hereby further agree to make nents, or other instruments that may be tution of the application, or any application as metallic and the invention as metallic agreement.	be necessary in the prosecution for reissue or extension	on of the application and on of said Letters Patent	d of any continuation, division to the division of the continuation, division to the continuation, division to
	IN TESTIMONY WHEREOF, I	We have set my hand and af	fixed my seal.	
1/	12/21	Philips	P. Sull	Seal
Date		RICHARD P.	BERUBE	

PATENT REEL: 054912 FRAME: 0641

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This	assignment	ls D	eing	signea	aiter	Illing,	tne	0.5.	ratent	Application	Serial	NO.	ls	

ASSIGNMENT

WHEREAS, I/We, THOMAS A. MERCHANT OF WESTPORT, COUNTY OF BRISTOL, COMMONWEALTH OF MASSACHUSETTS, while employed by the Government of the United States, have invented certain new and useful improvements in A FLUID MEDIUM VEHICLE identified as ATTORNEY DOCKET No. 101507 and described in application for Letters Patent of the United States of America executed by me on 4 January 2021; and
WHEREAS, this invention was jointly made with, employees of a Government Contractor; and
WHEREAS, the Government of the United States, represented by the Secretary of the Navy and hereinafter referred to as the Government, is desirous of acquiring an assignment of the invention disclosed in said application and other rights and benefits herein granted; 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, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;
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 Government my 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 Government 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 had this assignment not been made.
I/We do hereby also grant unto the Government, the option to take the entire right, title and interest in the invention and all patent applications or other forms of protection thereon in all countries foreign to the United States in which the Government may file, or cause to be filed, applications for Letters Patent or other forms of protection, without payment of any consideration; provided, however, that I may elect to take foreign rights in the invention, or applications or other forms of protection thereon, if the Government is not pursuing international patent protection within eight months of the filing date of any application for United States Letters Patent covering the invention, or within eight months from the declassification of the invention, whichever is later, subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on said invention in any foreign country, including the power to issue sub-licenses for use on 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 of 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 hand and affixed my seal.

S/Thomas A. Merchant/ THOMAS A. MERCHANT

01/04/2021

RECORDED: 01/14/2021

Date

PATENT REEL: 054912 FRAME: 0642

Seal