504176962 01/12/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4223640

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL D. SWANSON	12/22/2016
BRIAN B. DICK	01/10/2017
MAXWELL KERBER	01/03/2017
ALEX G. PHIPPS	01/09/2017

RECEIVING PARTY DATA

Name:	United States of America as represented by the Secretary of the Navy
Street Address:	One Liberty Center, 875 North Randolph Street, Suite 1425
Internal Address:	Office of Naval Research
City:	Arlington
State/Country:	VIRGINIA
Postal Code:	22203-1995

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15405191

CORRESPONDENCE DATA

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Phone: 619-553-3001

Email: sscsd_patents@navy.mil

Correspondent Name: OFFICE OF PATENT COUNSEL

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Address Line 2:SPAWARSYSCEN PACIFIC CODE 36000Address Line 4:SAN DIEGO, CALIFORNIA 92152-5765

ATTORNEY DOCKET NUMBER:	102671
NAME OF SUBMITTER:	KYLE EPPELE
SIGNATURE:	/Kyle Eppele/
DATE SIGNED:	01/12/2017
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Total Attachments: 4

PATENT REEL: 040967 FRAME: 0554

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Inventors: Paul D. Swanson, Brian B. Dick, Maxwell Kerber and Alex G. Phipps

ASSIGNMENT

WHEREAS, we, Paul D. Swanson of Santee CA, Brian B. Dick, Maxwell Kerber and Alex G. Phipps of San Diego, CA, respectively, while employed by the Government of the United States, have invented certain new and useful improvements in:

Low Profile Kinetic Harvester

TWW X TANKE	ANDERS GARACTER
identified as Navy Case No.102671, described in application for I. 22 December	
WHEREAS, the Government of the United States, represented by Government, is desirous of acquiring an assignment of the inventigranted; and	the Secretary of the Navy and hereinafter referred to as the ion disclosed in said application and other rights and benefits herein
WHEREAS, the conditions under which the invention was made at Order 10096, to the entire right, title and interest therein, including	are such as to entitle the Government under Paragraph I(a) of Executive g foreign rights; and
WHEREAS, as to foreign rights, it is the policy of the Government	nt to obtain an option to exercise such rights;
United States of America, its territories and possessions, and the e	the entire right, title and interest in and to said invention within the utire right, title and interest in and to said application and any ent to be held by the Government to the end of the term for which said
to be filed, applications for Letter Patent or other forms of protecti grant of an option to take foreign rights in the invention, or applica- only as to such applications filed in foreign countries within eight Patent covering the invention, or within eight months from the dec- rights not exercised under the option are left to us subject to a non-	oreign to the United States in which the Government may file, or cause ion, without payment of any consideration; provided, however that this ations or other forms of protection thereon, shall have force and effect months of the filing date of any application for United States Letter classification of the invention, whichever is later, and that all foreign exclusive, irrevocable, royalty-free license to the Government in any ion in any foreign country, including the power to issue sublicenses for
instruments that may be necessary in the prosecution of the applica-	exument, any and all papers, documents, affidavits, statements, or other ation and of any continuation, division or substitution of the application, and to assist the Government in every way in protecting the invention as efforts will be paid by the Government.
IN TESTIMONY WHEREOF, we have set our hands and affixed	our seals.
Name /Date Paul D. Swanson (signature & Date)	Name/DateBrian B. Dick (signature & Date)
Name /Date Maxwell Kerber (signature & date)	Name/DateAlex G. Phipps (signature & Date)

Inventors: Paul D. Swanson, Brian B. Dick, Maxwell Kerber and Alex G. Phipps

ASSIGNMENT

WHEREAS, we, Paul D. Swanson of Santce CA, Brian B. Dick, Maxwell Kerber and Alex G. Phipps of San Diego, CA, respectively, while employed by the Government of the United States, have invented certain new and useful improvements in:

Law Profile Kinetic Harvester

Low Prome Kinenc Harvester	
identified as Navy Case No.102671, described in application for Letters Patent of the United States of America executed by us on 10 January 2017 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 promises and other good and valuable consideration the receipt of which is hereby acknowledged, we hereby assign and transfer to the Government 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 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 us had this assignment not been made.	
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 Letter Patent or other forms of protection, without payment of any consideration; provided, however that this grant of an option to take foreign rights in the invention, or applications or other forms of protection thereon, shall have force and effect only as to such applications filed in foreign countries within eight months of the filing date of any application for United States Letter Patent covering the invention, or within eight months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to us 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 sublicenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.	
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, we have set our hands and affixed our seals.	
Name /Date Name/Date Name/Date Date) Paul D. Swanson (signature & Date) Name/Date Date Date Date Name/Date Date Name/Date Date Date Name/Date Date Name/Date Date Date Name/Date Date Date Name/Date Date Date Name/Date Date Date Date Date Date Date Date	
Name /Date Name/Date Maxwell Kerber (signature & date) Alex G. Phipps (signature & Date)	
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Inventors: Paul D. Swanson, Brian B. Dick, Maxwell Kerber and Alex G. Phipps

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Low Profile Kinetic Harvester

identified as Navy Case No.102671, described in application for Let 3 January 2017	tters Patent of the United States of America executed by us on
WHEREAS, the Government of the United States, represented by the Government, is desirous of acquiring an assignment of the invention granted; and	ne Secretary of the Navy and hereinafter referred to as the a disclosed in said application and other rights and benefits herein
WHEREAS, the conditions under which the invention was made are Order 10096, to the entire right, title and interest therein, including t	e such as to entitle the Government under Paragraph 1(a) of Executive 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 promises and other go acknowledged, we hereby assign and transfer to the Government the United States of America, its territories and possessions, and the ent continuation, division or substitution thereof, and such Letters Paten Letters Patent may be granted, as fully and entirely as the same wou	entire right, title and interest in and to said invention within the ire right, title and interest in and to said application and any at to be held by the Government to the end of the term for which said
to be filed, applications for Letter Patent or other forms of protection grant of an option to take foreign rights in the invention, or applicationly as to such applications filed in foreign countries within eight months from the declar patent covering the invention, or within eight months from the declar ghts not exercised under the option are left to us subject to a nonex	rign to the United States in which the Government may file, or cause in, without payment of any consideration; provided, however that this cons or other forms of protection thereon, shall have force and effect conths of the filing date of any application for United States Letter assification of the invention, whichever is later, and that all foreign clusive, irrevocable, royalty-free license to the Government in any in any foreign country, including the power to issue sublicenses for
instruments that may be necessary in the prosecution of the applicati	ment, any and all papers, documents, affidavits, statements, or other ion and of any continuation, division or substitution of the application, I to assist the Government in every way in protecting the invention as fforts will be paid by the Government.
IN TESTIMONY WHEREOF, we have set our hands and affixed or	ur seals.
Name /DatePaul D. Swanson (signature & Date)	Name/DateBrian B. Dick (signature & Date)
Name /Date Myww M 1/03/2017 Maxwell Kerber (signature & date)	Name/DateAlex G. Phipps (signature & Date)

Inventors: Paul D. Swanson, Brian B. Dick, Maxwell Kerber and Alex G. Phipps

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Low Profile Kinetic Harvester

identified as Navy Case No.102671, described in application for Let 4 January 2017	ters Patent of the United States of America executed by us on and
WHEREAS, the Government of the United States, represented by th Government, is desirous of acquiring an assignment of the invention granted; and	e Secretary of the Navy and hereinafter referred to as the disclosed in said application and other rights and benefits herein
WHEREAS, the conditions under which the invention was made are Order 10096, to the entire right, title and interest therein, including for	such as to entitle the Government under Paragraph 1(a) of Executive oreign rights; and
WHEREAS, as to foreign rights, it is the policy of the Government to	o obtain an option to exercise such rights;
NOW, THEREFORE, in consideration of the promises and other good acknowledged, we hereby assign and transfer to the Government the United States of America, its territories and possessions, and the enticontinuation, division or substitution thereof, and such Letters Patent Letters Patent may be granted, as fully and entirely as the same would	entire right, title and interest in and to said invention within the re right, title and interest in and to said application and any it to be held by the Government to the end of the term for which said
We do hereby also grant unto the Government, the option to take the applications or other forms of protection thereon in all countries fore to be filed, applications for Letter Patent or other forms of protection grant of an option to take foreign rights in the invention, or application only as to such applications filed in foreign countries within eight more Patent covering the invention, or within eight months from the declar rights not exercised under the option are left to us subject to a nonexcontent or other form of protection which may issue on said invention use in behalf of the Government and/or in furtherance of the foreign	ign to the United States in which the Government may file, or cause, without payment of any consideration; provided, however that this one or other forms of protection thereon, shall have force and effect onths of the filing date of any application for United States Letter ssification of the invention, whichever is later, and that all foreign chusive, irrevocable, royalty-free license to the Government in any in any foreign country, including the power to issue sublicenses for
We hereby further agree to make, execute, and deliver to the Governments that may be necessary in the prosecution of the application or any application for reissue or extension of said Letters Patent, and may be requested, provided that any expense arising through such effects.	on and of any continuation, division or substitution of the application, to assist the Government in every way in protecting the invention as
IN TESTIMONY WHEREOF, we have set our hands and affixed ou	r seais.
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Name /Date Paul D. Swanson (signature & Date)	Name/Date Brian B. Dick (signature & Date)
Name /Date Maxwell Kerber (signature & date)	Name/Date MX A Phipps 1/4/2017 Alex G. Phipps (signature & Date)

PATENT REEL: 040967 FRAME: 0559

RECORDED: 01/12/2017