504481356 07/31/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4528058

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID B DOMAN	08/11/2016
JOSIAH T VANDERMEY	08/11/2016
ADAM R GERLACH	08/11/2016

RECEIVING PARTY DATA

Name:	GOVERNMENT OF THE UNITED STATES AS REPRESENTED BY THE SECRETARY OF THE AIR FORCE	
Street Address:	2240 B STREET	
Internal Address:	BLDG 11, ROOM 204	
City:	WRIGHT-PATTERSON AFB	
State/Country:	OHIO	
Postal Code:	45433-7109	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15664469

CORRESPONDENCE DATA

Fax Number: (937)255-3733

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: 937-255-2838

Email: afmclo.jaz.1@us.af.mil

Correspondent Name: DEPARTMENT OF THE AIR FORCE AFMCLO/JAZ

Address Line 1: 2240 B STREET
Address Line 2: BUILDING 11

Address Line 4: WRIGHT-PATTERSON AFB, OHIO 45433-7109

ATTORNEY DOCKET NUMBER:	AFD 1573
NAME OF SUBMITTER:	TIMOTHY M. BARLOW
SIGNATURE:	/ Timothy M Barlow /
DATE SIGNED:	07/31/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

PATENT REEL: 043146 FRAME: 0325

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source=AFD1573_Assignment_Doman_signed#page1.tif source=AFD1573_Assignment_Doman_signed#page2.tif source=AFD1573_Assignment_Gerlach_signed#page1.tif source=AFD1573_Assignment_Gerlach_signed#page2.tif source=AFD1573_Assignment_VanderMey_signed#page1.tif

DECLARATION / ASSIGNMENT (Inventor with Co-Inventors)	
WHEREAS, I, David B. Doman, while employed by the Government of the United States, jointly made an invention with Adam R. Gerlach and Josiah T. Vandermey described in invention disclosure AFD 1573 entitled "Apparatus and Method for Improving Accuracy of Ballistic Airdrop", to be filed as an application for Letters Patent of the United State (Application Serial Number 15/664469 , filed 31 July 2017), and I hereby authorize and reques AFMCLO/JAZ to insert here in the above parentheses (Application Serial Number, filed) the filing date and application number of said application when known;	
WHEREAS, The above-identified application for Letters Patent was made or authorized to be made by me;	
WHEREAS, I believe that I am an original joint inventor of a claimed invention in the application;	
WHEREAS, I hereby acknowledge that any willful false statement made in this Declaration/Assignment if punishable under 18 U.S.C. § 1001 by fine, imprisonment of not more than five (5) years, or both;	
WHEREAS, the conditions under which said invention was made are such as to entitle the Government of the	
United States as represented by the Secretary of the Air Force, under Paragraph 1(a) of Executive Order 10096, to the	
entire right, title and interest therein, including foreign rights;	
NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and	
other valuable considerations, I, David B. Doman: HEREBY HAVE SOLD, ASSIGNED, AND TRANSFERRED, and by these presents do sell, assign, and transfer unto the	
Government of the United States as represented by the Secretary of the Air Force, my entire right, title, and interest, in any jurisdiction throughout the world, in and to the aforesaid invention described in the aforesaid application for Letter	
Patent of the United States, made jointly with Adam R. Gerlach and Josiah T. Vandermey, all Letters Patent issuing thereon, and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority	
resulting from the filing of the aforesaid application for patent in the United States;	
HEREBY AUTHORIZE AND REQUEST any official whose duty it is to issue patents, to issue any patent thereon to	
the Government of the United States, as represented by the Secretary of the Air Force, and his successors, as assignee of	
my entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and	
any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and	
entirely as the same would have been held by me had this Assignment not been made;	
HEREBY ALSO GRANT to the Government of the United States, as represented by the Secretary of the Air Force	
the option to take the entire right, title and interest in the invention or all applications for Letters Patent thereon in a	
countries or jurisdictions foreign to the United States in which the Government of the United States may file, or cause to be filed, applications for Letters Patent, without payment to me of any further consideration; provided, however, that this	
grant of an option to take foreign rights in the invention must be exercised by written notice to me within eight month	
of the first filing date of any application for United States Letters Patent covering the invention or within eight month	
from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option an	
left to me, subject to a nonexclusive, irrevocable, royalty-free license to the Government of the United States in any paten	
which may issue on said invention in any country or jurisdiction foreign to the United States, including the power to issue	
sublicenses for use on behalf of the Government of the United States and/or in furtherance of the foreign policies of the United States of America; and	
HEREBY AGREE to execute any and all applications for Letters Patent, and to furnish all data and documents and	
to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such	
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applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.

bavia b. bolinan	
SUBSCRIBED AND ACKNOWLEDGED before me by David B. Doman this $\underline{\mathcal{M}^{i_k}}$	day of
Aug 2016, at the city of WPATB in the Cou	nty of
Montro owery and State of Ohio	
3 (3247/2)	
JEFFREY R. MOORE, Marring at Low	
A Botony Public, State of Oblin Notary Public Notary Public	
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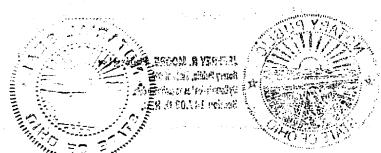
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DECLARATION / ASSIGNMENT (Inventor with Co-Inventors)

(Inventor with Co-Inventors)
WHEREAS, I, Adam R. Gerlach, while employed by the Government of the United States, jointly made an invention with David B. Doman and Josiah T. Vandermey described in invention disclosure AFD 1573 entitled "Apparatus and Method for Improving Accuracy of Ballistic Airdrop", to be filed as an application for Letters Patent of the United States (Application Serial Number 15/664469, filed 31 July 2017), and I hereby authorize and request AFMCLO/IAZ to insert here in the above parentheses (Application Serial Number, filed) the filing date and application number of said application when known;
WHEREAS, The above-identified application for Letters Patent was made or authorized to be made by me; WHEREAS, I believe that I am an original joint inventor of a claimed invention in the application; WHEREAS, I hereby acknowledge that any willful false statement made in this Declaration/Assignment is
punishable under 18 U.S.C. § 1001 by fine, imprisonment of not more than five (5) years, or both; WHEREAS, the conditions under which said invention was made are such as to entitle the Government of the United States as represented by the Secretary of the Air Force, under Paragraph 1(a) of Executive Order 10096, to the
entire right, title and interest therein, including foreign rights; NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, I, Adam R. Gerlach:
HEREBY HAVE SOLD, ASSIGNED, AND TRANSFERRED, and by these presents do sell, assign, and transfer unto the Government of the United States as represented by the Secretary of the Air Force, my entire right, title, and interest, in any jurisdiction throughout the world, in and to the aforesaid invention described in the aforesaid application for Letters Patent of the United States, made jointly with David B. Doman and Josiah T. Vandermey, all Letters Patent issuing thereon, and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filling of the aforesaid application for patent in the United States; HEREBY AUTHORIZE AND REQUEST any official whose duty it is to issue patents, to issue any patent thereon to the Government of the United States, as represented by the Secretary of the Air Force, and his successors, as assignee or my entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by me had this Assignment not been made; HEREBY ALSO GRANT to the Government of the United States, as represented by the Secretary of the Air Force the option to take the entire right, title and interest in the invention or all applications for Letters Patent thereon in all countries or jurisdictions foreign to the United States in which the Government of the United States may file, or cause to efflic, applications for Letters Patent, without payment to me of any further consideration; provided, however, that the grant of an option to take foreign rights in the invention must be exercised by written notice to me within eight months of the first filing date of any application for United States Letters Patent covering the invention or within eight months of the first filing date of any application for United States letters Patent coveri
applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action. Adam R. Gerlach
SUBSCRIBED AND ACKNOWLEDGED before me by Adam R. Gerlach this day o
Alog. 2016, at the city of WPAFIS in the County of Mandagement and State of ONA

JEFFREY R. MCORE, Microsy at Los Botory Pathie, State of Opio My Commission to a supplies data Section 147,03 Ca. R. C.

Notary Public

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SUBSCRIBED AND ACKNOWLEDGED before me by Josiah J. Vandermey this in the County of
SUBSCRIBED AND ACKNOWLEDGED before me by Josiah T. Vandermey this N day of
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applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.
United States of America, and Happlications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such applications and documents and execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such
HEREBY HAVE SOLD, ASSIGNCED, AND TRANSFERRED, and by these presents do sell, assign, and transfer unto the Government of the United States as represented by the Secretary of the Air Force, my entire right, title, and interest, in any jurisdiction throughout the world, in and to the aforesaid invention described in the aforesaid application for begins, and electrons throughout the world, in and to the aforesaid invention described in the aforesaid application for leading the latters and any continuations, continuations, and relisances or extensions thereof; and all priority resulting from and any continuations, continuation for patent in the United States; The filling of the aforesaid application for patent in the United States; The Government of the United States, as represented by the Secretary of the Air Force, and his successors, assignee of the Government of the United States; or represented by the Secretary of the Air Force, and his successors, as represented by the Secretary or terms for which said patents any continuations, continuations—in and to the same, for the Sole use for the full term or terms for which said patents any entirely as the same would have been held by me had this Assignment not been made; The Government of the United States for the Secretary of the Villed States and presented as fully and the same would have been held by me had this Assignment not been made; The option to take the entire right, divisions and relisause or extensions thereof are, or may be, granted as fully and the option to take the entire right, divisions and relisause or extensions thereof are, or within each or proventing the same would have been meded interest in the invention or all applications for letters Patent, without payment to me of any further considerations or within eight months be filled, applications for telefores and the Covernment of the United States (and the States to the Government of the United States (and the States the States to the Government of the United States (and the States the States
entire right, title and interest therein, including foreign rights; NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and
punishable under 18 U.S.C. § 1001 by fine, imprisonment of not more than five (5) years, or both; **WHEREAS, the conditions under which said invention was made are such as to entitle the Government of the United States as represented by the Secretary of the Air Force, under Parageph 1(a) of Executive Order 10096, to the
number of said application when known; WHEREAS, I he above-identified application for Letters Patent was made or authorized to be made by me; WHEREAS, I believe that I am an original joint inventor of a claimed invention in the application; WHEREAS, I hereby acknowledge that any willful false statement made in this Declaration/Assignment is
WHEREAS, I, Josiah T. Vandermey, while employed by the Government of the United States, jointly made an invention with David B. Doman and Adam R. Gerlach described in invention disclosure AFD 1573 entitled "Apparatus and Method for Improving Accuracy of Ballistic Airdrop", to be filed as an application for Letters Patent of the United States (Application Serial Number 15/664469 filed 31 July 2017), and I hereby authorize and request APMCLO\IAX to insert here in the above parentheses (Application Serial Number, filed) the filing date and application
DECLARATION \ ASSIGNMENT (Inventor with Co-inventors)

RECORDED: 07/31/2017