PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4028639

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LANCE HOLLY	08/29/2016
WILLIAM DONOVAN	08/29/2016

RECEIVING PARTY DATA

Name:	PULSE AEROSPACE LLC
Street Address:	450 N. IOWA ST., BLDG A1
City:	LAWRENCE
State/Country:	KANSAS
Postal Code:	66044

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	14835243
PCT Number:	US1648765

CORRESPONDENCE DATA

Fax Number: (303)629-3450

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: 3036293400

Email: Docketing-DV@dorsey.com
Correspondent Name: DORSEY & WHITNEY LLP
Address Line 1: 1400 WEWATTA STREET

Address Line 2: SUITE 400

Address Line 4: DENVER, COLORADO 80202-5549

ATTORNEY DOCKET NUMBER:	P253099.US.01
NAME OF SUBMITTER:	LINETTE ELLIOTT
SIGNATURE:	/LINETTE ELLIOTT/
DATE SIGNED:	08/29/2016

Total Attachments: 4

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PATENT REEL: 039568 FRAME: 0474

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

Assignor(s):

Lance Holly Lawrence, Kansas United States

William Donovan Lawrence, Kansas United States

Assignee:

Pulse Aerospace LLC 450 N. Iowa St. Bldg A1 Lawrence KS 66044 United States

State of Incorporation: Delaware

PATENT APPLICATION SUBJECT TO THE ASSIGNMENT:

WHEREAS, the Assignor(s) identified above (hereinafter, individually and collectively the "Assignor"), have invented certain new and useful processes, methods, machines, devices, systems, manufactures, and/or compositions of matter, or new and useful improvements thereof (the "Invention"), disclosed and described in an application for Letters Patent in the United States ("U.S.") filed on the filing date indicated above in the United States Patent and Trademark Office ("USPTO") and identified by the title, application number, and/or attorney docket number indicated above (the "Patent Application"); and

WHEREAS, Assignee, a corporation organized and existing under the laws of the State indicated above, and having its principal place of business at the address indicated above, desires to acquire the entire right, title, and interest of Assignor in and to the Invention, the Patent Application and in, to, and under any and all Letters Patent to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has sold, assigned, and transferred and does hereby sell, assign, and transfer to the Assignee, its successors, legal representatives, and assigns, the entire right, title and interest in and to the Invention, the Patent Application, and all divisional, continuation, continuation-in-part, and continuing prosecution applications that claim priority thereto, and any reexamination and reissue applications thereof; all international, regional, and foreign applications that claim priority to, are counterparts of, or otherwise correspond thereto; the Letters Patent, both in the United States and in countries or regions foreign thereto, that may or shall issue or have issued therefrom; any extensions, substitutes, or renewals thereof; the right to claim priority to the filing date of the Patent Application; any right, title, or interest in

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and to the Invention under any international conventions; and and any and all rights to collect damages for past, present, and future infringement of any U.S. or foreign rights, including provisional rights, which may be, shall be, or have been granted pursuant to the Patent Application (collectively "the Patent Rights"); and

In the event that the Patent Application claims priority to a provisional application previously filed and the provisional application was previously subject to an assignment from the Assignor, or one or more thereof, to the Assignee, this Assignment shall be considered a confirmatory assignment thereof; and

Assignor further authorizes said Assignee, its successors, and assigns, or anyone it may properly designate, to apply for Letters Patent in the U.S. and any and all foreign countries and regions, in its own name if desired, and otherwise take advantage of the provisions of any international conventions; and

Assignor hereby authorizes and requests transfer of the Patent Application and any further applications, which may be or shall have been filed under the Patent Rights, to the Assignee in accordance herewith and further authorizes and requests any official of any State whose duty consists of issuing patents or other evidence or forms of any industrial property protection issuing from the Patent Application and all related applications, to issue same to the Assignee, its successors, and assigns in accordance herewith; and

Assignor hereby authorizes Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the application number and filing date of the Patent Application once known.

Assignor represents and warrants that Assignor has the right, title, and authority to execute this Assignment and to convey all right, title, and interest in the Patent Rights, and that Assignor has not conveyed nor will convey hereafter all or part of the Patent Rights to a third party, and Assignor hereby covenants and agrees with the Assignee, its successors and assigns, that Assignor will not execute in writing or do any act whatsoever conflicting with these representations; and

Assignor agrees to disclose to the Assignee any information, including, but not limited to, prior art references, that Assignor is presently aware of or becomes aware of in the future that would materially affect the patentability of the Invention or the Patent Application or the present or future validity of the Patent Rights; and

Assignor, Assignor's successors, legal representatives, or administrators will at any time upon request, without further or additional consideration, but at the expense of the Assignee, its successors, and assigns, execute such additional writings and do such additional acts as said Assignee, its successors, and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for, obtaining, and enforcing any of the Patent Rights, including giving testimony in any proceedings or transactions involving such Patent Rights; and

This document may be executed in two or more counterparts and by facsimile, all of which shall be deemed an original, and all of which together shall constitute one and the same instrument; and

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PATENT REEL: 039568 FRAME: 0476 Assignor further covenants and agrees that this Assignment is effective as of 25 August 2015.

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

)

CITY OF) ss.	
Holly, who executed the foregoing instrument f expressed.	
Given under my hand and seal of office	this 29 th day of <u>August</u> , 2016.
Estera J. Bush Notary Public	My Commission Expires: <u>の</u> 少(マノ18
STATE OF KANSAS)	
CITY OF) ss. COUNTY OF)	By: Walled The
CITY OF) ss.	By: William Donovan Dated: 8 - 29 - 2016
CITY OF (COUNTY OF (CO	William Donovan
CITY OF (COUNTY OF) ss. COUNTY OF (COUNTY OF) NOTARY PUBLIC - State of Kansas ESTENA I. BUSH My Appt. Exp 2/17/18 Before me, a Notary Public in and for sa William Donovan, who executed the foregoing in the county Public in a sa william Donovan, who executed the foregoing in the county Public in a sa william Donovan, who executed the foregoing in the county Public in a sa william Donovan, who executed the foregoing in the county Public in a sa william Donovan, who executed the foregoing in the county Public in a sa william Donovan, who executed the foregoing in the county Public in a sa william Donovan, who executed the foregoing in the county Public in a sa william Donovan, who executed the foregoing in the county Public in a sa william Donovan, who executed the foregoing in the county Public in a sa william Donovan, who executed the foregoing in the county Public in a sa william Donovan, who executed the foregoing in the county Public in a sa william Donovan, who executed the foregoing in the county Public in a sa william Donovan.	William Donovan Dated: 8 - 20 - 20 1
CITY OF COUNTY OF Ss. COUNTY OF Ss. NOTARY PUBLIC - State of Kansas ESTENA I. BUSH My Appt. Exp. 2/17/18 Before me, a Notary Public in and for sa William Donovan, who executed the foregoing i therein expressed. Given under my hand and seal of office	William Donovan Dated: 8 - 20 - 20 1
CITY OF (COUNTY OF) ss. COUNTY OF (COUNTY OF) NOTARY PUBLIC - State of Kansas ESTENA I. BUSH Wy Appt. Exp 2/17/18 Before me, a Notary Public in and for sa William Donovan, who executed the foregoing i therein expressed.	William Donovan Dated: 8 - 20 - 20 1

Assignors' Initials

STATE OF KANSAS

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The Assignee hereby acknowledges and accepts the foregoing assignment of rights by Assignor.

IN TESTIMONY WHEREOF, the Assignee, by its undersigned officer, confirms its acceptance on the date set forth below.

ASSIGNEE: Pulse Aerospace LLC

Place: Pulse Main Office By: 450 N. Jowa

(printed name of authorized agent of assignee)

(Witness #2: printed name)

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RECORDED: 08/29/2016