506832489 08/24/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6879309

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ADAM WILMER	05/26/2020
DERRICK JOCHMANS	05/26/2020
MATTHEW FLECKENSTEIN	05/26/2020
JAMES WESTFALL	06/16/2020
JAMES ROBERTS	05/26/2020
NICHOLAS PINGEL	05/26/2020
MICHAEL ANDERSON	05/27/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17409905

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.

Phone: 937-904-5171

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, UNITED STATES 45433-7109

ATTORNEY DOCKET NUMBER:	AFD 2099
NAME OF SUBMITTER:	MATTHEW FAIR
SIGNATURE:	/Matthew Fair/

PATENT 506832489 REEL: 057266 FRAME: 0491

DATE SIGNED:	08/24/2021	
Total Attachments: 8		
source=AFD_2099_Anderson	_Assignment_Signed#page1.tif	
source=AFD_2099_FLECKENSTEIN_Assignment#page1.tif		
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source=AFD_2099_Pingel_As	signment#page1.tif	
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source=AFD_2099_Wilmer_A	ssignment#page1.tif	

WHEREAS, I, MICHAEL ANDERSON, while employed by the Government of the United States, made or contributed
to an invention described in invention disclosure AFD 2099 entitled "SYSTEM AND METHOD FOR DISABLING MULTI-
ROTOR AIRCRAFT," to be filed as an application for Letters Patent of the United States (Application Serial Number
filed), and I hereby authorize and request Air Force Patent Counsel 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; and
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, MICHAEL ANDERSON:
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 and to the aforesaid invention described in the invention disclosure, all subsequent information to support that
aforesaid invention, and the resulting application for Letters Patent of the United States including 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 all
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
months of the first 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, and that all foreign rights not exercised under the
option are left to me, subject to a nonexclusive, irrevocable, royalty-free license to the Government of the United States
in any patent 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
applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.
MICHAEL ANDERSON
SUBSCRIBED AND ACKNOWLEDGED before me by MICHAEL ANDERSON this 27 day of
2020, at the city of COLOGO SOTTOS in the County of
El VOSO and State of COLORAGO
MARISSA SUE HATHCOAT
NOTARY PUBLIC IN CONTROL OF THE PUBLIC IN CONT
STATE OF COLORADO NOTARY ID 20184009035 NY COMMUNICATION EXPIRES FEBRUARY 26, 2022
A STATE OF THE STA

WHEREAS, I, MATTHEW FLECKENSTEIN, while employed by the Government of the United States, made or contributed to an invention described in invention disclosure AFD 2099 entitled "SYSTEM AND METHOD FOR DISABLING MULTI-ROTOR AIRCRAFT," to be filed as an application for Letters Patent of the United States (Application Serial Number, filed), and I hereby authorize and request Air Force Patent Counsel to insert
here in the above parentheses (Application Serial Number, filed) the filing date and application number of said
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; and 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, MATTHEW FLECKENSTEIN: 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 and to the aforesaid invention described in the invention disclosure, all subsequent information to support that aforesaid invention, and the resulting application for Letters Patent of the United States including 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; **NERBY 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; **HERBY 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 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 months from the declassification of the invention for United States Letters 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 me, subject to a nonexclusive, irrevocable, royalty-free license to the Government of the United States in any patent which may issue on said invention in any c
Matthew Fleckenstein
SUBSCRIBED AND ACKNOWLEDGED before me by MATTHEW FLECKENSTEIN this 7/1 day of MA-1 2020 5/26/2020, at the city of NEV LENOX in the County of WILL and State of 11/10015
OFFICIAL SEAL COURTNEY BORELLA NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES:09/18/22
& PATENT

REEL: 057266 FRAME: 0494

WHEREAS, I, Derrick Jochmans, while employed by the Government of the United States, made or contributed to an invention described in invention disclosure AFD 2099 entitled "SYSTEM AND METHOD FOR DISABUNG MULTI-
ROTOR AIRCRAFT," to be filed as an application for Letters Patent of the United States (Application Serial Number
, filed), and I hereby authorize and request Air Force Patent Counsel 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; and
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. Derrick lochmans:
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 and to the aforesaid invention described in the invention disclosure, all subsequent information to support that
in and to the aforesaid invention described in the invention disclosure, all subsequent information to support that aforesaid invention, and the resulting application for Letters Patent of the United States including 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 all
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
months of the first 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, and that all foreign rights not exercised under the
option are left to me, subject to a nonexclusive, irrevocable, royalty-free license to the Government of the United States
in any patent 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
applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.
Dankiel Modding
DERRICK JOCHMANS
· · · · · · · · · · · · · · · · · · ·
SUBSCRIBED AND ACKNOWLEDGED before me by Derrick Jochmans this 764 day of
way 2020, at the city of Harama City in the County of
Thou and State of FURIDA
SCOTT D. CORNELL Notary Public
Notary Public - State of Florida B
My Comm. Expires Oct 9, 2022
Bonded through National Hotary Assn.

WHEREAS, I. NICHOLAS PINGEL, While employed by the Government of the United States, made or contributed to an
invention described in invention disclosure AFD 2099 entitled "SYSTEM AND METHOD FOR DISABLING MULTI-ROTOR
AIRCRAFT," to be filed as an application for Letters Patent of the United States (Application Serial Number
, filed, and I hereby authorize and request Air Force Patent Counsel to insert
here in the above parentheses (Application Serial Number, filed) the filing date and application number of said
application when known; WHEREAS The charge identified confination for the property of the confination for
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; and
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, Nicholas PINGEL:
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 and to the aforesaid invention described in the invention disclosure, all subsequent information to support that
aforesaid invention, and the resulting application for Letters Patent of the United States including 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,
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countries or jurisdictions foreign to the United States in which the Government of the United States may file, or cause to
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option are left to me, subject to a nonexclusive, irrevocable, royalty-free license to the Government of the United States
in any patent 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
applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.
NICHOLAS PINGEL
Commission of the Control of the Con
SUBSCRIBED AND ACKNOWLEDGED before me by Nicholas Pingri, this day of
1/2/ 5/26/2020, at the city of Colevado SpringS in the County of
ELPOSO and State of Coloxado
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see Altoched - Hotort Fublic
See Any De Notary Public
ZXX-2.

Acknowledgement Certificate

State of Colorado County of El Paso

Before me, Many Brophy, on this day of May 26th, 2020, personally appeared Nicholas Pingel, to be the person whose name is subscribed to the foregoing in strument and acknowledged to me that he executed the same for the purposes and consider of on therein expressed.

Given under my hand and seal of office this 26th day of May, 2020.

Notary Public Signature

MARY BROPHY
Notary Public
Strike of Colorado
Notary ID # 20194036222
My Commission Expires 10-04-2023

signer's identity verified by him being personally known to me.

MB

(20vemment inventor)	
WHEREAS, I, JAMES ROBERTS, while employed by the Government of the United States, made or contributed to invention described in invention disclosure AFD 2099 entitled "SYSTEM AND METHOD FOR DISABLING MULTI-ROTOR AIRCRAFT," to be filed as an application for Letters Patent of the United States (Application Serial Number, filed), and I hereby authorize and request Air Force Patent Counsel to insert the short in th	
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; and	
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, JAMES ROBERTS:	
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 intere	St,
in and to the aforesaid invention described in the invention disclosure, all subsequent information to support that	
aforesaid invention, and the resulting application for Letters Patent of the United States including 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	3
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	
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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	
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applications, expent it is understood that I shall not be subjected to the preparation, thing, or prosecution of such	
applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.	
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JAMES ROBERTS	-
JAMES NOBER 13	
SUBSCRIBED AND ACKNOWLEDGED before me by James Roberts thisday of	
andState of W l	
BRANDON JOSEPH VOLLEY Notary Public Notary Public	~
Notary Public V Notary Public	
State of Wisconsin	

WHEREAS, I, JAN	MES WESTFALL, while employed by the	Government of the United States, made or contribut	od to
an invention described i	n invention disclosure AFD 2099 entit	led "SYSTEM AND METHOD EOD DICABLING KALLT	
	= lieu as an application for Letters Pa	atent of the United States (Application Serial Number	٠,
here in the above name	, and I here	by authorize and request Air Force Patent Counsel to	insert
application when known	wasas (Application Selial Number, fil	ed) the filing date and application number of said	
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WHEREAS I hali	inove-literation application for Letter	rs Patent was made or authorized to be made by me	;
WHEREAS, I he	rehy acknowledge that any willful	or of a claimed invention in the application;	
punishable under 18 U.S	.C. § 1001 by fine imprisonment of a	false statement made in this Declaration/Assignment more than five (5) years, or both; and	nent i
WHEREAS, the c	Onditions under which said invention	was made are such as to entitle the Government of	ua ···
United States as represe	nted by the Secretary of the Air East	e, under Paragraph 1(a) of Executive Order 10096, to	the
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in and to the aforesaid in	wantion described in the investigation di	ecretary of the Air Force, my entire right, title, and in	terest,
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issuing thereon, and any	continuations continuations in the	atent of the United States including all Letters Paten	t
priority resulting from th	a filing of the aforestid and least a se	divisions, and reissues or extensions thereof; and all	d
HERERY ALITHO	e filing of the aforesaid application fo	or parent in the United States;	
the Government of the I	inited States as concerned by the s	duty it is to issue patents, to issue any patent there	on to
my entire right title and	interest in and to the same for the	ecretary of the Air Force, and his successors, as assig	nee of
and any continuations or	ontinuations in new divisions and an	sole use for the full term or terms for which said pate	nts
fully and entirely as the e	ama would have been held house to	issues or extensions thereof are, or may be, granted	as
HERERY ALSO GE	ame would have been held by me ha	o this Assignment not been made;	
the ontion to take the en	tire right title and interest is the in-	ed States, as represented by the Secretary of the Air I	orce,
countries or invisdictions	foreign to the United Cases in the Inv	ention or all applications for Letters Patent thereon	n all
he filed applications for	ottore Ortant without some th	the Government of the United States may file, or ca	use to
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months of the first filing	take foreign rights in the invention of	nust be exercised by written notice to me within eigh	t
months from the declassi	fication of the invention which and 249	tes Letters Patent covering the invention or within e	ght
option are left to me, sub	ject to a nanevolutive impressible -	s later, and that all foreign rights not exercised unde	the
in any patent which may	icens on cald importion is any name.	oyalty-free license to the Government of the United !	itates
power to issue sublicense	of for use on behalf of the Courses	or jurisdiction foreign to the United States, including the United States of the United States and/or in furtherance of the	g the
foreign policies of the Un	ited States of America; and	in or the United States and/or in furtherance of the	
HEREBY AGREE to	Perecute any and all analications for	Letters Patent, and to furnish all data and document	
to execute any papers wh	with may be necessary or convenient	for the preparation, filing, or prosecution of such	s and
applications, except it is u	inderstand that I shall not be exhibit	to any out-of-pocket expense relative to such action	
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		I then I have been a second	
		JAMES WESTFALL	
SHRECDIRED AND ACUNO	SSAIR PERCEPTION & C. C.		
ADDENIATED MIAD WEKIAF	WLEDGED before me by JAMES WEST	3	
June	$\underline{\hspace{0.1cm}}$ 2020, at the city of $\underline{\hspace{0.1cm}}$ $\underline{\hspace{0.1cm}}$ $\underline{\hspace{0.1cm}}$	Acade www_in the County of \	
<u>El Paso</u>	and State of <u>೧೯೯೯ ನ</u>		
	<i>,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	STEPHANIE V GALLOWAY		
	NOTARY PUBLIC	Notary Public	
	STATE OF COLORADO	N. C.	
	MY COMMISSION EXPIRES JULY 17, 2023	PATENT	100000444444

REEL: 057266 FRAME: 0499

WHEREAS, I, ADAM WILMER, while employed by the Government of the United States, made or contributed to a invention described in invention disclosure AFD 2099 entitled "SYSTEM AND METHOD FOR DISABLING MULTI-ROTOR	an
AIRCRAFT," to be filed as an application for Letters Patent of the United States (Application Serial Number	
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WHEREAS, The above-identified application for Letters Patent was made or authorized to be made by me;	
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in and to the aforesaid invention described in the invention disclosure, all subsequent information to support that	۰۰,
aforesaid invention, and the resulting application for Letters Patent of the United States including all Letters Patent	
issuing thereon, and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and ail	
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 ϵ	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 all	
countries or jurisdictions foreign to the United States in which the Government of the United States may file, or cause t	0
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	
months of the first 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, and that all foreign rights not exercised under the	
option are left to me, subject to a nonexclusive, irrevocable, royalty-free license to the Government of the United State	_
in any patent 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	d
to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such	_
applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.	
$ \frac{1}{2}$ $\frac{1}{2}$	
ADAM WILMER	
SUBSCRIBED AND ACKNOWLEDGED before me by ADAM WILMER this day of	
in the County of	
and State of FONDA.	
10.00 A	
Nicole Juliano VIII (M. L.	
Comm. 19G 963462 / Notary Public	
Expires: Feb. 27, 2024	
PATENT	

RECORDED: 08/24/2021 REEL: 057266 FRAME: 0500