PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5152377

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LUCAS P NEFF	03/25/2016
JAMES B SIMPSON	04/07/2016
TIMOTHY K WILLIAMS	04/12/2016

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:	Building 11, Area B	
City:	y: Wright-Patterson AFB	
State/Country:	OHIO	
Postal Code:	45433-7109	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16087214

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.

Email: pamela.kuns@us.af.mil

Correspondent Name: PAMELA KUNS
Address Line 1: 2240 B. STREET
Address Line 2: BUILDING 11, AREA B

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

ATTORNEY DOCKET NUMBER:	AFD 1485	
NAME OF SUBMITTER: CHASTITY D. S. WHITAKER, PH.D.		
SIGNATURE:	/ Chastity DS Whitaker /	
DATE SIGNED:	09/21/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 3

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PATENT REEL: 046936 FRAME: 0568 source=AFD_1485_notarized-assignments#page2.tif source=AFD_1485_notarized-assignments#page3.tif

PATENT REEL: 046936 FRAME: 0569

DECLARATION / ASSIGNMENT (Inventor with Co-Inventors)

WHEREAS, I, Lucas P. Neff, while employed by the Government of the United States, jointly made an invention with Timothy K. Williams and James B. Sampson described in invention disclosure AFD 1485 entitled "Fast Break Introducer Needle for Rapid Guidewire-Assisted Catheter Insertion", to be filed as an application for Letters Patent of the United States (Application Serial Number 62/31/447, filed 22 MAR 2016), and I hereby authorize and request 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 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, Lucas P. Neff:

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 Timothy K. Williams and James B. Sampson, 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.

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	SUBSCRIBED AND	ACKNOWLEDGED before m	e by Lucas P	. Neff	this		<u> </u>	day	of
	march	2016, at the city of	Travis	Aic	For	celase	in the	County	of
	Solino	and State of CANE	mia		•			·	
			,	Ω	-بير }	· · · · · · · · · · · · · · · · · · ·	1.1		
		STACEY L. LOW, Sgt, USAF Paralegal,		<u> </u>	10	<u>Our</u> 7	//c	XV	_
		Notary by Federal Statue Title	10 TISC 10440			Notary Pub	vlic		. —

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DECLARATION / ASSIGNMENT (Inventor with Co-Inventors)

WHEREAS, I, James B. Sampson, while employed by the Government of the United States, jointly made an invention with Timothy K. Williams and Lucas P. Neff described in invention disclosure AFD 1485 entitled "Fast Break Introducer Needle for Rapid Guidewire-Assisted Catheter Insertion", to be filed as an application for Letters Patent of the United States (Application Serial Number 62/311447, filed 22 MAR 2016), and I hereby authorize and request AFMCLO/JAZ to insert here in the above parentheses (Application Serial Number, filed) the filing date and application number of said application when known;

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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 sald 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 B. Sampson:

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 Timothy K. Williams and Lucas P. Neff, 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.

	J Starze
	James B. Sampson
SUBSCRIBED AND ACKNOWLEDGED before me by James B.	Sampson this day of
April 2016, at the city of MUS	Air Force Base in the County of
Solumo and State of California	x .
STACEY L. LOW, TSgt, USAF	Starry & how
Paralegal, Notary by Federal Status Titls 10 USC 1044s	notary Public

PATENT

REEL: 046936 FRAME: 0571

DECLARATION / ASSIGNMENT (Inventor with Co-Inventors)

WHEREAS, I, Timothy K. Williams, while employed by the Government of the United States, jointly made an invention with Lucas P. Neff and James B. Sampson described in invention disclosure AFD 1485 entitled "Fast Break Introducer Needle for Rapid Guidewire-Assisted Catheter Insertion", to be filed as an application for Letters Patent of the United States (Application Serial Number 62/31, 447, filed 22 MAC 2016), and I hereby authorize and request 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 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, Timothy K. Williams:

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 aforesald invention described in the aforesald application for Letters Patent of the United States, made jointly with Lucas P. Neff and James B. Sampson, 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;

Notary by Federal Statue Title 10 USC 1044a

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.

PATENT

REEL: 046936 FRAME: 0572

RECORDED: 09/21/2018