### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
BENJAMIN W RAMSEY	08/14/2015
BARRY E MULLINS	08/14/2015

#### **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:	AFMCLO/JAZ
City:	WRIGHT-PATTERSON AFB
State/Country:	OHIO
Postal Code:	45433

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14826597

### **CORRESPONDENCE DATA**

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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.

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Correspondent Name: DEPARTMENT OF THE AIR FORCE

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Address Line 2: BLDG 11, ROOM D18

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

ATTORNEY DOCKET NUMBER:	AFD 1377	
NAME OF SUBMITTER:	CHARLES R. FIGER, JR.	
SIGNATURE:	/Charles R. Figer, Jr./	
DATE SIGNED:	08/14/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 2** 

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PATENT REEL: 036329 FRAME: 0570

# DECLARATION / ASSIGNMENT (Inventor with Co-Inventors)

WHEREAS, I, Benjamin W. Ramsey, while employed by the Government of the United States, jointly made an
invention with Barry E. Mullins described in invention disclosure AFD 1377 entitled "Wireless Intrusion Detection and
Device Fingerprinting through Preamble Manipulation", to be filed as an application for Letters Patent of the United
States (Application Serial Number 14/826,597 , filed August, 14, 2015 ), 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

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, Benjamin W. Ramsey:

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 Barry E. Mullins, 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.

SUBSCRIBED AND ACKNOWLEDGED before me by Benjamin W. Ramsey this 14th day of August 2015, at the city of Waght-Patterson At in the County of Montgomery and State of Ohio

Criscitius R. Pictick, Pt., 4thates of Law Netary Public, Stere of Chilo My Commission has no expiration date.

Section 147.03 A TENT

**REEL: 036329 FRAME: 0571** 

## DECLARATION / ASSIGNMENT (Inventor with Co-inventors)

WHEREAS, I, Barry E. Mullins, while employed by the Government of the United States, jointly made an invention with Benjamin W. Ramsey described in invention disclosure AFD 1377 entitled "Wireless Intrusion Detection and Device Fingerprinting through Preamble Manipulation", to be filed as an application for Letters Patent of the United States (Application Serial Number 14/826,597 \_\_\_\_\_\_, filed August 14, 2015 \_\_\_\_\_\_), 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, Barry E. Mullins:

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 Benjamin W. Ramsey, 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.

SUBSCRIBED AND ACKNOWLEDGED before me by Barry E. Mullins this 14th day of 14 yest 2015, at the city of 14 yest Attension Att in the County of 15 yest and State of 16 yest 15 yest 16 yest 16

CHARLES R. PIGES, JR., Atturbey & Live Natury Public, State of Obio My Commission has no expiration data.

Section 14 PATENT REEL: 036329 FRAME: 0572