PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GREGORY W PETERSON	08/24/2017
AUGUSTUS W FOUNTAIN III	08/17/2017
JENNIFER R SOLIZ	08/17/2017
ADAM J HAUSER	08/17/2017

RECEIVING PARTY DATA

Name:	The United States of America	
Street Address:	as represented by the	
Internal Address:	Secretary of the Army	
City:	Washington	
State/Country:	DISTRICT OF COLUMBIA	
Postal Code:	20515	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15689664

CORRESPONDENCE DATA

Fax Number: (410)612-5338

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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Email: Vicki.Upchurch@us.army.mil

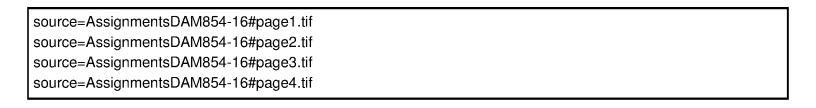
Correspondent Name: VICKI A. UPCHURCH
Address Line 1: 5183 BLACKHAWK ROAD

Address Line 2: OFFICE OF THE CHIEF COUNSEL/BLDG E4435

Address Line 4: APG, MARYLAND 21010-5424

ATTORNEY DOCKET NUMBER:	DAM 854-16	
NAME OF SUBMITTER:	VICKI A UPCHURCH	
SIGNATURE:	/vicki a upchurch/	
DATE SIGNED:	10/24/2017	

Total Attachments: 4



Title of Invention: <u>Use Of Metal-Organic Frameworks and Metal Oxides For Sensing Chemicals</u>

Using Electrical Impedance Spectroscopy

Inventor(s): Gregory W. Peterson; Augustus W. Fountain III; Jennifer R. Soliz; Adam J. Hauser
Application Serial Number: 15/489, 664
Filling Date:
I, the undersigned inventor, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:
 Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letter Patents issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters Patent.
2. Agree to assign to the Government upon request, title, and interest in the invention in those foreign countries in which the Government, within eight months of the filling of the United States application for patent, determines to cause an application to be filed in any particular foreign country or falls to make such a determination, within the said eight months, all my right, title and interest in the invention in such foreign country shall remain in me, subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government.
Agree to provide any further invention within my knowledge to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.
 Authorize any Army patent attorney or agent to insert the filing date and application serial number of the application in the fields above when known.
Typed Name of Inventor: Gregory W. Peterson
Signature of Inventor:
Date Executed: 8/34/17-

Title of Invention: <u>Use Of Metal-Organic Frameworks and Metal Oxides For Sensing Chemicals</u> <u>Using Electrical Impedance Spectroscopy</u>
Inventor(s): Gregory W. Peterson; Augustus W. Fountain III; Jennifer R. Soliz; Adam J. Hauser
Application Serial Number: $15/689,664$ Filing Date: $8/39/2017$
Filing Date: $8/39/2017$
I, the undersigned inventor, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:
 Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letter Patents issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters Patent.
2. Agree to assign to the Government upon request, title, and interest in the invention in those foreign countries in which the Government, within eight months of the filling of the United States application for patent, determines to cause an application to be filed in any particular foreign county or fails to make such a determination, within the said eight months, all my right, title and interest in the invention in such foreign country shall remain in me, subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government.
 Agree to provide any further invention within my knowledge to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.
 Authorize any Army patent attorney or agent to insert the filing date and application serial number of the application in the fields above when known.

Typed Name of Inventor: Augustus W. Fountain, III

Signature of Inventor:

Date Executed: 12 August 2017

Title of Invention: <u>Use Of Metal-Organic Frameworks and Metal Oxides For Sensing Chemicals</u> <u>Using Electrical Impedance Spectroscopy</u>
Inventor(s): Gregory W. Peterson: Augustus W. Fountain III: Jennifer R. Soliz: Adam J. Hauser Application Serial Number: 15/689, 664 Filing Date: 8/29/30/71
I, the undersigned inventor, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:
 Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letter Patents issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters Patent. Agree to assign to the Government upon request, title, and interest in the invention in those
foreign countries in which the Government, within eight months of the filling of the United States application for patent, determines to cause an application to be filed in any particular foreign county or fails to make such a determination, within the said eight months, all my right, title and interest in the invention in such foreign country shall remain in me, subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government.
 Agree to provide any further invention within my knowledge to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.
 Authorize any Army patent attorney or agent to insert the filing date and application serial number of the application in the fields above when known.
Typed Name of Inventor: Jennifer R. Soliz
Signature of Inventor:
Date Executed: 14, 14, 2017

Title of Invention: <u>Usc Of Metal-Organic Frameworks and Metal Oxides For Sensing Chemicals</u> <u>Using Electrical Impedance Spectroscopy</u>
Inventor(s): Gregory W. Peterson; Augustus W. Fountain III; Jennifer R. Soliz; Adam J. Hauser
Application Serial Number: 15/489, 664
Filing Date: 8 39 3017
I, the undersigned inventor, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:
1. Assign to the Government of the United States, as represented by the Secretary of the Army,
the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letter Patents issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters Patent. 2. Agree to assign to the Government upon request, title, and interest in the invention in those foreign countries in which the Government, within eight months of the filling of the United
States application for patent, determines to cause an application to be filed in any particular foreign county or fails to make such a determination, within the said eight months, all my right, title and interest in the invention in such foreign country shall remain in me, subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government.
3. Agree to provide any further invention within my knowledge to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.
 Authorize any Army patent attorney or agent to insert the filing date and application serial number of the application in the fields above when known.
Typed Name of Inventor: Adam J. Hauser
Signature of Inventor:
Date Executed: 47/17/17

PATENT REEL: 043938 FRAME: 0690

RECORDED: 10/24/2017