PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5103040

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GREGORY A THOMPSON	12/09/2015
PETER A EMANUEL	12/09/2015
COLIN W GRAHAM	12/21/2015
CALVIN C CHUE	05/31/2018

RECEIVING PARTY DATA

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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:	14878266

CORRESPONDENCE DATA

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

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

Address Line 4: APG, MARYLAND 21010-5424

ATTORNEY DOCKET NUMBER:	DAM 823-14	
NAME OF SUBMITTER:	VICKI A UPCHURCH	
SIGNATURE:	/vicki a upchurch/	
DATE SIGNED:	08/22/2018	

Total Attachments: 4

PATENT REEL: 046659 FRAME: 0380

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PATENT REEL: 046659 FRAME: 0381

Title of Invention: Sampling and Detection Kit for Chemical and Biological Materials
Inventor(s):
Application Serial Number: 14 1878,240
Filing Date: 2015
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 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: Gregory A. Thompson
Signature of Inventor:
Date Executed: 2/9/5

Title of Invention: Sampling and Detection Kit for Chemical and Biological Materials
Inventor(s):
Application Serial Number: 14 878, 266
Application Serial Number: 14 878, 266 Filing Date: 10 8 2015
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 issu 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: Peter A. Emanuel
Signature of Inventor: + 4444
Date Executed: 2 9/15

PATENT REEL: 046659 FRAME: 0383

Title of Invention: Sampling and Detection Kit for Chemical and Biological Materials
Inventor(s):
Application Serial Number: 14/878/266
Filing Date: 10 8/2015
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 country 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: Colin W. Graham Signature of Inventor: 11 11 11 11 11 11 11 11 11 11 11 11 11
Date Executed:

tide of invention: Sampling and Detection Kit for Chemical and Biological Materials
Inventor(s): P. Emanuel, C.Chue, G. Thompson, C. Graham, A. Miklos, J. Shaffer
Application Serial Number: 14/878,266
Filing Date: 10/08/2015
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.
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: Calvin C. Chue
Signature of Inventor:
Date Executed: 31MAY2018

PATENT REEL: 046659 FRAME: 0385

RECORDED: 08/22/2018