

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4191319

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID JOHN ZAGE	12/13/2016
JOHN CHARLES JAROCKI	08/02/2016
ANDREW N. FISHER	07/25/2016
CARSON KENT	08/09/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SANDIA CORPORATION
<b>Street Address:</b>	P.O. BOX 5800, MS-0161
<b>City:</b>	ALBUQUERQUE
<b>State/Country:</b>	NEW MEXICO
<b>Postal Code:</b>	87185
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14975502
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(505)844-9955
<i>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.</i>	
<b>Phone:</b>	505-844-7283
<b>Email:</b>	dcates@sandia.gov
<b>Correspondent Name:</b>	SANDIA NATIONAL LABORATORIES
<b>Address Line 1:</b>	P.O. BOX 5800, MS-0161
<b>Address Line 4:</b>	ALBUQUERQUE, NEW MEXICO 87185
<b>ATTORNEY DOCKET NUMBER:</b>	SD13507/S139768
<b>NAME OF SUBMITTER:</b>	DIANA SCHANNING
<b>SIGNATURE:</b>	/Diana Schanning/
<b>DATE SIGNED:</b>	12/19/2016
<b>Total Attachments: 8</b>	
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source=SD13507\_S139768\_FullyExecuted\_Assignments#page8.tif

ASSIGNMENT

WHEREAS, **David John Zage of Fremont, CA, John Charles Jarocki and Andrew N. Fisher of Albuquerque, NM, and Carson Kent of Stanford, CA** (hereinafter "Inventor(s)") has(have) made an invention relating to **NETWORK PROTECTION SYSTEM USING LINKOGRAPHS** in the course of the work authorized by Contract DE-AC04-94AL85000 between SANDIA CORPORATION and the UNITED STATES DEPARTMENT OF ENERGY, said invention being disclosed and claimed in **Application Serial No. 14/975,502 for United States patent, filed December 18, 2015** and identified as DOE Docket No: **S-139768** duly executed by said inventor(s); and

WHEREAS Inventor(s), in consideration of employment by Sandia Corporation, has(have) assigned to Sandia Corporation, its successors and assigns, all of Inventor(s) rights to inventions, discoveries, or improvements made or conceived in the course of their employment; and

WHEREAS, title to the above-identified invention vests in the Government of the United States, as represented by the U.S. Department of Energy, as governed by 42 U.S.C. 5908; and

WHEREAS, the Government of the United States, as represented by the U.S. Department of Energy has granted a waiver of Government rights in the above-identified invention to Sandia Corporation; and

THEREFORE, Inventor(s) hereby sells, assigns, and transfers unto Sandia Corporation their entire right, title, and interest in and to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, and in and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, utilities, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said invention in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent, to the extent that Inventor(s) right, title, and interest in and to said invention has(have) not already been sold, assigned, or transferred to Sandia Corporation by Inventor(s) in consideration of Inventor(s) employment by Sandia Corporation. Inventor(s) hereby authorizes and requests the Commissioner of Patents to issue all Letters Patent issuing therefrom to Sandia Corporation, for its interest as Sandia Corporation, its successors and assigns.

Inventor(s) covenants with Sandia Corporation that, except for the rights, if any, of the Government, his/her interest in the rights and property herein conveyed is free and clear of any encumbrance and that they have full right to convey the same as herein expressed. Inventor(s) agrees, at the request of Sandia Corporation, to make, execute, and deliver to Sandia Corporation, the Government, or other party prosecuting patent applications on this invention, any and all papers, documents, affidavits, applications, statements or other instruments relating to said invention, take all rightful oaths and do all acts as may reasonably be required of them in or incident to the prosecution of any or all U.S. and foreign applications on said invention or in the adjustment or settlement of any interferences or other actions or proceedings that said applications or patents thereon may encounter or in which they may become involved.

Signed at Fremont, CA.

David John Zage  
David John Zage

12/17/2016  
Date

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA )

COUNTY OF ALAMEDA ) ss:

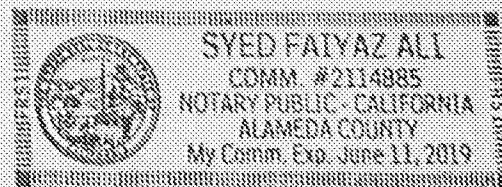
Subscribed and sworn to (or affirmed) before me on this 13<sup>th</sup> day of DECEMBER, 2016, by David John Zage, who proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

S. Faiyaz Ali  
Notary Public signature

SYED FAIYAZ ALI

Notary Public

My commission expires: June 11<sup>th</sup>, 2019



Notary Public seal

Approved and consented by:

SANDIA CORPORATION

Date: \_\_\_\_\_

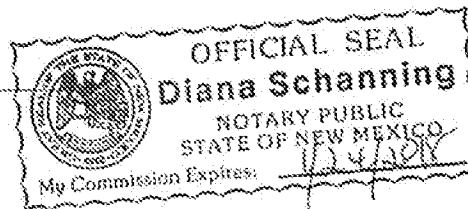
12/16

Kerry Kampschmidt  
Sr. Managing IP Counsel  
Legal Technology Transfer Center

STATE OF NEW MEXICO )  
 ) ss:  
COUNTY OF BERNALILLO)

On the above date, personally appeared before me, Diana Schanning, Notary Public, **Kerry Kampschmidt**, to me known to be the individual described in and who executed the foregoing instrument, and who acknowledged to me that he executed the same.

*Diana Schir*  
Notary Public



ASSIGNMENT

WHEREAS, **David John Zage of Fremont, CA, John Charles Jarocki and Andrew N. Fisher of Albuquerque, NM, and Carson Kent of Stanford, CA** (hereinafter "Inventor(s)") has(have) made an invention relating to **NETWORK PROTECTION SYSTEM USING LINKOGRAPHS** in the course of the work authorized by Contract DE-AC04-94AL85000 between SANDIA CORPORATION and the UNITED STATES DEPARTMENT OF ENERGY, said invention being disclosed and claimed in **Application Serial No. 14/975,502 for United States patent, filed December 18, 2015** and identified as DOE Docket No: **S-139768** duly executed by said inventor(s); and

WHEREAS Inventor(s), in consideration of employment by Sandia Corporation, has(have) assigned to Sandia Corporation, its successors and assigns, all of Inventor(s) rights to inventions, discoveries, or improvements made or conceived in the course of their employment; and

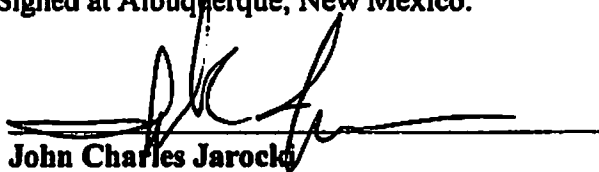
WHEREAS, title to the above-identified invention vests in the Government of the United States, as represented by the U.S. Department of Energy, as governed by 42 U.S.C. 5908; and

WHEREAS, the Government of the United States, as represented by the U.S. Department of Energy has granted a waiver of Government rights in the above-identified invention to Sandia Corporation; and

THEREFORE, Inventor(s) hereby sells, assigns, and transfers unto Sandia Corporation their entire right, title, and interest in and to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, and in and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, utilities, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said invention in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent, to the extent that Inventor(s) right, title, and interest in and to said invention has(have) not already been sold, assigned, or transferred to Sandia Corporation by Inventor(s) in consideration of Inventor(s) employment by Sandia Corporation. Inventor(s) hereby authorizes and requests the Commissioner of Patents to issue all Letters Patent issuing therefrom to Sandia Corporation, for its interest as Sandia Corporation, its successors and assigns.

Inventor(s) covenants with Sandia Corporation that, except for the rights, if any, of the Government, his/her interest in the rights and property herein conveyed is free and clear of any encumbrance and that they have full right to convey the same as herein expressed. Inventor(s) agrees, at the request of Sandia corporation, to make, execute, and deliver to Sandia Corporation, the Government, or other party prosecuting patent applications on this invention, any and all papers, documents, affidavits, applications, statements or other instruments relating to said invention, take all rightful oaths and do all acts as may reasonably be required of them in or incident to the prosecution of any or all U.S. and foreign applications on said invention or in the adjustment or settlement of any interferences or other actions or proceedings that said applications or patents thereon may encounter or in which they may become involved.

Signed at Albuquerque, New Mexico.

  
John Charles Jarocki

8/2/2016  
Date

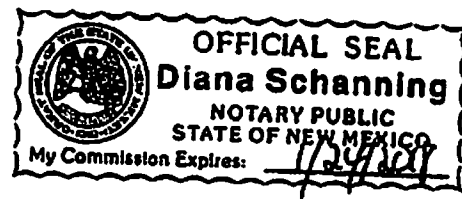
\_\_\_\_\_  
Andrew N. Fisher

\_\_\_\_\_  
Date

STATE OF NEW MEXICO    )  
                                  ) ss:  
COUNTY OF BERNALILLO)

On the above dates, personally appeared before me, Diana Schanning, Notary Public, John Charles Jarocki and Andrew N. Fisher, to me known to be the individual(s) described in and who executed the foregoing instrument, and who acknowledged to me that they executed the same.

  
Notary Public



Inventor(s) covenants with Sandia Corporation that, except for the rights, if any, of the Government, his/her interest in the rights and property herein conveyed is free and clear of any encumbrance and that they have full right to convey the same as herein expressed. Inventor(s) agrees, at the request of Sandia corporation, to make, execute, and deliver to Sandia Corporation, the Government, or other party prosecuting patent applications on this invention, any and all papers, documents, affidavits, applications, statements or other instruments relating to said invention, take all rightful oaths and do all acts as may reasonably be required of them in or incident to the prosecution of any or all U.S. and foreign applications on said invention or in the adjustment or settlement of any interferences or other actions or proceedings that said applications or patents thereon may encounter or in which they may become involved.

Signed at Albuquerque, New Mexico.

\_\_\_\_\_  
John Charles Jarocki

\_\_\_\_\_  
Date

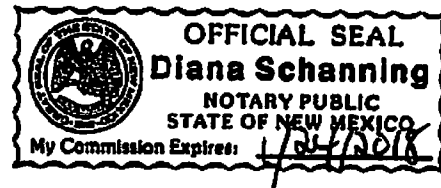
\_\_\_\_\_  
Andrew N. Fisher

\_\_\_\_\_  
7/25/2016  
Date

STATE OF NEW MEXICO    )  
                                  ) ss:  
COUNTY OF BERNALILLO)

On the above dates, personally appeared before me, Diana Schanning, Notary Public, John Charles Jarocki and Andrew N. Fisher, to me known to be the individual(s) described in and who executed the foregoing instrument, and who acknowledged to me that they executed the same.

\_\_\_\_\_  
Diana Schanning  
Notary Public



PATENT  
REEL: 040671 FRAME: 0262

