

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4042232

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAVID B. CLARK II	06/20/2016
KEVIN J. SULLIVAN	06/20/2016
JANE L.M. KUBERSKI	06/20/2016
PAUL J. MELKO JR.	06/14/2016
NARAYANASAMY BALAKRISHNAN	06/29/2016
KOEN KLAAS KUIKEN	06/29/2016
TRAVIS RAY LENOCKER	06/10/2016
ZACHARY J. EYEN	06/10/2016
SHAD CUMMINS	06/10/2016
DAVID W. DANIEL	08/05/2016
RECEIVING PARTY DATA	
Name:	NATIONWIDE MUTUAL INSURANCE COMPANY
Street Address:	ONE NATIONWIDE PLAZA
City:	COLUMBUS
State/Country:	OHIO
Postal Code:	43215
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15139638
CORRESPONDENCE DATA	
Fax Number:	(215)963-5001
<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>	
Phone:	215.963.5091
Email:	lauren.ferro@morganlewis.com
Correspondent Name:	ALISON B. WEISBERG
Address Line 1:	1701 MARKET STREET
Address Line 2:	MORGAN, LEWIS & BOCKIUS LLP
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103-2921
ATTORNEY DOCKET NUMBER:	51092-02-5103

PATENT

NAME OF SUBMITTER:	ALISON B. WEISBERG
SIGNATURE:	/Alison B. Weisberg/
DATE SIGNED:	09/08/2016
Total Attachments: 14 source=20160907_AssignmentDoc#page1.tif source=20160907_AssignmentDoc#page2.tif source=20160907_AssignmentDoc#page3.tif source=20160907_AssignmentDoc#page4.tif source=20160907_AssignmentDoc#page5.tif source=20160907_AssignmentDoc#page6.tif source=20160907_AssignmentDoc#page7.tif source=20160907_AssignmentDoc#page8.tif source=20160907_AssignmentDoc#page9.tif source=20160907_AssignmentDoc#page10.tif source=20160907_AssignmentDoc#page11.tif source=20160907_AssignmentDoc#page12.tif source=20160907_AssignmentDoc#page13.tif source=20160907_AssignmentDoc#page14.tif	

ASSIGNMENT

WHEREAS, We, **David B. Clark II**, with a post office address of 4724 Longridge Court, Grove City, OH 43123 and **Kevin J. Sullivan**, with a post office address of 1670 Saint Albans Court, Columbus, OH 43220 and **Jane L.M. Kuberski**, with a post office address of 9497 Haaf Farm Drive, Pickerington, OH 43147 and **Paul J. Melko, Jr.**, with a post office address of 8039 Chateau Lane, Westerville, OH 43082, and **Narayanasamy Balakrishnan**, with a post office address of, 250 Rugby Lane, Gahanna, OH 43230, and **Koen Klaas Kuiken**, with a post office address of, 651 Greenwood Road, Whitehall, OH 43213, and **Travis Ray Lenoeker**, with a post office address of, 353 Seatrain Drive Delaware, OH 43015, and **Zachary J. Eyen**, with a post office address of, 1188 Riga Alley, Columbus, OH 43201 and **Shad Cummins**, with a post office address of 235 Balsamine Drive, Powell, OH 43065 hereinafter generally referred to collectively as "ASSIGNORS," have invented certain new and useful inventions entitled:

"System and Methods for Identifying System Vulnerabilities"

that are described in U.S. Patent Application No. **15/139,638** filed **April 27, 2016**; ("Inventions") naming the above ASSIGNORS as inventors and/or applicants.

WHEREAS, **Nationwide Mutual Insurance Company**, a corporation having a place of business at One Nationwide Plaza, Columbus, OH 43215 hereinafter generally referred to as "ASSIGNEE," is desirous of acquiring and/or confirming the acquisition of the Inventions.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged and intending to be legally bound hereby, we, ASSIGNORS, have assigned and/or by these presents do sell, assign, transfer and convey unto ASSIGNEE, the whole and entire right, title and interest in and to:

all Inventions;

the above patent application[s] and any and all United States and foreign patent applications disclosing one or more of the Inventions including, without limitation, applications for patents including provisionals, non-provisionals, divisions, continuations, continuations-in-part, requests for continued examinations, utility models, PCT applications and designs and any other related United States and foreign applications and equivalents thereof ("Applications"), along with the right to claim priority to the Applications under any treaty relating thereto;

all United States and foreign patents, utility models, inventor's certificates and designs and all equivalents thereof which may be granted for the Inventions or Applications, including extensions, renewals, reissues and reexamination certificates thereof ("Patents"); and

all rights to sue for and collect damages resulting from past, present and future infringement of all granted or to be granted Patents;

the Inventions, Applications and Patents to be held and enjoyed by ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms of said granted or to be granted Patents, as fully and entirely as the same would have been held by ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Inventions, Applications and Patents hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

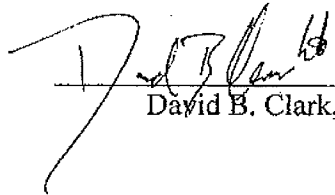
It is agreed that ASSIGNORS shall be legally bound, upon request and at the expense of ASSIGNEE or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practicing of the Inventions, and to testify in any legal proceeding relating thereto.

Each ASSIGNOR hereby represents and warrants that he/she has full right, power and authority to assign their entire right, title, and interest in the Patents, Applications, and Inventions, and to consummate the assignment contemplated herein. Each ASSIGNOR also represents and warrants that he/she has full right, power, and authority to enter into, execute, and deliver this Assignment, the execution and delivery of which have been duly authorized by all necessary action on the part of ASSIGNORS, and no other authorization or proceedings on the part of ASSIGNORS are necessary to authorize this Assignment. This Assignment has been duly executed and delivered and constitutes a valid, binding and enforceable assignment of the entire right, title, and interest in the Patents and Applications, and Inventions disclosed therein.

ASSIGNORS hereby warrant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Assignment.

(SIGNATURE PAGES FOLLOW)

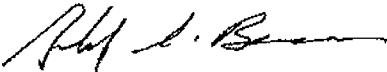
6-20-2016
Date



David B. Clark, II

STATE OF : OHIO
: ss.
COUNTY OF : FRANKLIN

Before me, a notary public in and for the State and County aforesaid, on this 20th day of JUNE, 2016, personally appeared **David B. Clark, II**, who being known to me (or satisfactorily proven), and who having first executed the foregoing Assignment in connection with the inventions entitled **System and Methods for Identifying System Vulnerabilities** in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.


Notary Public

My Commission Expires: 3/10/2019



JEFFREY S. BOWMAN
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Franklin County
My Comm. Exp. 3/10/19

6-20-16

Date



Kevin J. Sullivan

STATE OF

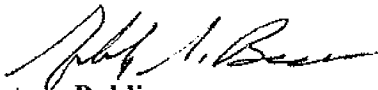
: OHIO

: ss.

COUNTY OF

: FRANKLIN

Before me, a notary public in and for the State and County aforesaid, on this 20th day of JUNE, 2016, personally appeared **Kevin J. Sullivan**, who being known to me (or satisfactorily proven), and who having first executed the foregoing Assignment in connection with the inventions entitled **System and Methods for Identifying System Vulnerabilities** in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.



Notary Public

My Commission Expires: 3/10/2019



FRED S. BOWMAN
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Franklin County
My Comm. Exp. 3/10/19

6/20/2016
Date

Jane L.M. Kuberski
Jane L.M. Kuberski

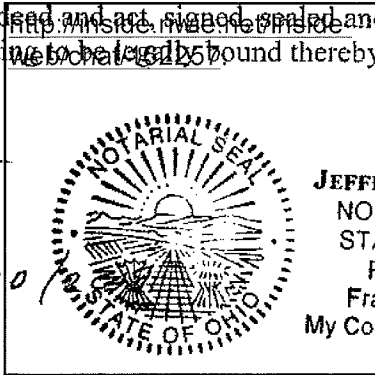
STATE OF
: ss.
COUNTY OF

: OHIO
: FRANKLIN

Before me, a notary public in and for the State and County aforesaid, on this 20th day of JUNE, 2016, personally appeared **Jane L.M. Kuberski**, who being known to me (or satisfactorily proven), and who having first executed the foregoing Assignment in connection with the inventions entitled **System and Methods for Identifying System Vulnerabilities** in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as her free act and deed, signed, sealed and delivered by her for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Jeffrey S. Bowman
Notary Public

My Commission Expires: 3/10/19



6/14/16
Date

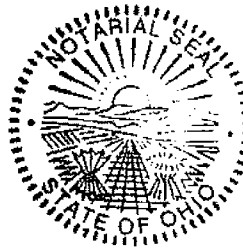
Paul J. Melko, Jr.
Paul J. Melko, Jr.

STATE OF OHIO :
: ss.
COUNTY OF FRANKLIN :

Before me, a notary public in and for the State and County aforesaid, on this 14th day of JUNE, 2016, personally appeared **Paul J. Melko, Jr.**, who being known to me (or satisfactorily proven), and who having first executed the foregoing Assignment in connection with the inventions entitled **System and Methods for Identifying System Vulnerabilities** in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Jeffrey S. Bowman
Notary Public

My Commission Expires: 3/10/2019



JEFFREY S. BOWMAN
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Franklin County
My Comm Exp. 3/10/19

6/29/2016
Date

N. Balakrishnan
Narayanasamy Balakrishnan

STATE OF
: ss.
COUNTY OF

: OHIO
: FRANKLIN

Before me, a notary public in and for the State and County aforesaid, on this 29TH day of JUNE, 2016, personally appeared **Narayanasamy Balakrishnan**, who being known to me (or satisfactorily proven), and who having first executed the foregoing Assignment in connection with the inventions entitled **System and Methods for Identifying System Vulnerabilities** in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Jeffrey S. Bowman
Notary Public

My Commission Expires: 3/10



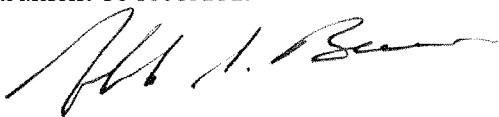
JEFFREY S. BOWMAN
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Franklin County
My Comm. Exp. 3/10/19

06/29/16
Date


Koen Klaas Kuiken

STATE OF : OHIO
: ss.
COUNTY OF : FRANKLIN

Before me, a notary public in and for the State and County aforesaid, on this 29TH day of JUNE, 2016, personally appeared **Koen Klaas Kuiken**, who being known to me (or satisfactorily proven), and who having first executed the foregoing Assignment in connection with the inventions entitled **System and Methods for Identifying System Vulnerabilities** in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

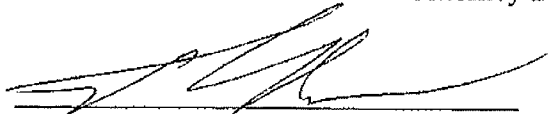

Notary Public

My Commission Expires: 3/10/2019



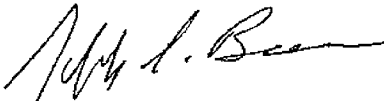
JEFFREY S. BOWMAN
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Franklin County
My Comm Exp. 3/10/19

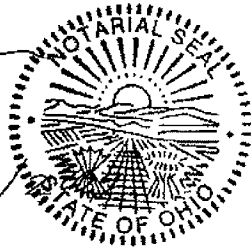
6/10/16
Date


Travis Ray Lenocker

STATE OF OHIO :
: ss.
COUNTY OF FRANKLIN :

Before me, a notary public in and for the State and County aforesaid, on this 10TH day of JUNE, 2016, personally appeared **Travis Ray Lenocker**, who being known to me (or satisfactorily proven), and who having first executed the foregoing Assignment in connection with the inventions entitled **System and Methods for Identifying System Vulnerabilities** in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.


Notary Public



JEFFREY S. BOWMAN
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Franklin County
My Comm Exp. 3/10/19

My Commission Expires: 3/10/19

6/16/2016
Date

Zachary J. Eyen
Zachary J. Eyen

STATE OF OHIO :
: ss.
COUNTY OF FRANKLIN :

Before me, a notary public in and for the State and County aforesaid, on this 10th day of JUNE, 2016, personally appeared **Zachary J. Eyen**, who being known to me (or satisfactorily proven), and who having first executed the foregoing Assignment in connection with the inventions entitled **System and Methods for Identifying System Vulnerabilities** in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Jeffrey S. Bowman
Notary Public

My Commission Expires: 3/10/19



JEFFREY S. BOWMAN
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Franklin County
My Comm. Exp. 3/10/19

6/10/16
Date

Shad Cummins
Shad Cummins

STATE OF OHIO :
: ss.
COUNTY OF FRANKLIN :

Before me, a notary public in and for the State and County aforesaid, on this 10th day of JUNE, 2016, personally appeared **Shad Cummins**, who being known to me (or satisfactorily proven), and who having first executed the foregoing Assignment in connection with the inventions entitled **System and Methods for Identifying System Vulnerabilities** in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Jeffrey S. Bowman
Notary Public

My Commission Expires: 3/10/19



JEFFREY S. BOWMAN
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Franklin County
My Comm Exp. 3/10/19

ASSIGNMENT

WHEREAS, I, **David W. Daniel**, with a post office address of 8691 Morris Rd, Hilliard, OH 43026 hereinafter generally referred to as "**ASSIGNOR**," has invented certain new and useful inventions entitled:

"System and Methods for Identifying System Vulnerabilities"

that are described in U.S. Patent Application No. **15/139,638** filed **April 27, 2016**; ("**Inventions**") naming the above ASSIGNOR as inventors and/or applicants.

WHEREAS, **Nationwide Mutual Insurance Company**, a corporation having a place of business at One Nationwide Plaza, Columbus, OH 43215 hereinafter generally referred to as "**ASSIGNEE**," is desirous of acquiring and/or confirming the acquisition of the Inventions.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged and intending to be legally bound hereby, I, ASSIGNOR, has assigned and/or by these presents do sell, assign, transfer and convey unto ASSIGNEE, the whole and entire right, title and interest in and to:

all Inventions;

the above patent application[s] and any and all United States and foreign patent applications disclosing one or more of the Inventions including, without limitation, applications for patents including provisionals, non-provisionals, divisions, continuations, continuations-in-part, requests for continued examinations, utility models, PCT applications and designs and any other related United States and foreign applications and equivalents thereof ("**Applications**"), along with the right to claim priority to the Applications under any treaty relating thereto;

all United States and foreign patents, utility models, inventor's certificates and designs and all equivalents thereof which may be granted for the Inventions or Applications, including extensions, renewals, reissues and reexamination certificates thereof ("**Patents**"); and

all rights to sue for and collect damages resulting from past, present and future infringement of all granted or to be granted Patents;

the Inventions, Applications and Patents to be held and enjoyed by ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms of said granted or to be granted Patents, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made; and for

the aforesaid consideration ASSIGNOR hereby covenants, agrees and undertakes to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Inventions, Applications and Patents hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNOR.

It is agreed that ASSIGNOR shall be legally bound, upon request and at the expense of ASSIGNEE or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practicing of the Inventions, and to testify in any legal proceeding relating thereto.

ASSIGNOR hereby represents and warrants that he/she has full right, power and authority to assign their entire right, title, and interest in the Patents, Applications, and Inventions, and to consummate the assignment contemplated herein. ASSIGNOR also represents and warrants that he/she has full right, power, and authority to enter into, execute, and deliver this Assignment, the execution and delivery of which have been duly authorized by all necessary action on the part of ASSIGNOR, and no other authorization or proceedings on the part of ASSIGNOR is necessary to authorize this Assignment. This Assignment has been duly executed and delivered and constitutes a valid, binding and enforceable assignment of the entire right, title, and interest in the Patents and Applications, and Inventions disclosed therein.

ASSIGNOR hereby warrants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Assignment.

(SIGNATURE PAGE FOLLOWS)

8/5/16
Date

David W. Daniel
David W. Daniel

STATE OF Ohio :
: ss.
COUNTY OF Franklin :

Before me, a notary public in and for the State and County aforesaid, on this 5th day of August, 2016, personally appeared **David W. Daniel**, who being known to me (or satisfactorily proven), and who having first executed the foregoing Assignment in connection with the inventions entitled **System and Methods for Identifying System Vulnerabilities** in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Notary Public *Meghan L. Sebastian* Meghan L. Sebastian

My Commission Expires: 6/16/2021



Meghan Sebastian
Notary Public, State of Ohio
My Commission Expires 6/16/2021