

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

| SUBMISSION TYPE:  | NEW ASSIGNMENT                           |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
|---|--|---------------|----------------|---------------------|------------|-------------------------|------------|--------------------------|------------|------------------------|------------|----------------------|------------|---------------|------------|----------------------|------------|
| NATURE OF CONVEYANCE:   | ASSIGNMENT                               |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| CONVEYING PARTY DATA  |  |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Scott Charles Evans</td><td>08/30/2010</td></tr><tr><td>Yogesh Kesrinath Potdar</td><td>09/03/2010</td></tr><tr><td>Michael Joseph Dell'Anno</td><td>08/30/2010</td></tr><tr><td>Thomas Stephen Markham</td><td>08/30/2010</td></tr><tr><td>Adam Edgar Klingbeil</td><td>08/30/2010</td></tr><tr><td>Robert Boring</td><td>08/31/2010</td></tr><tr><td>Bruce Gordon Barnett</td><td>08/31/2010</td></tr></tbody></table> |  | Name          | Execution Date | Scott Charles Evans | 08/30/2010 | Yogesh Kesrinath Potdar | 09/03/2010 | Michael Joseph Dell'Anno | 08/30/2010 | Thomas Stephen Markham | 08/30/2010 | Adam Edgar Klingbeil | 08/30/2010 | Robert Boring | 08/31/2010 | Bruce Gordon Barnett | 08/31/2010 |
| Name  | Execution Date                           |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| Scott Charles Evans   | 08/30/2010                               |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| Yogesh Kesrinath Potdar   | 09/03/2010                               |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| Michael Joseph Dell'Anno  | 08/30/2010                               |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| Thomas Stephen Markham  | 08/30/2010                               |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| Adam Edgar Klingbeil  | 08/30/2010                               |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| Robert Boring   | 08/31/2010                               |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| Bruce Gordon Barnett  | 08/31/2010                               |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| RECEIVING PARTY DATA  |  |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| Name:   | GENERAL ELECTRIC COMPANY                 |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| Street Address:   | 1 River Road                             |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| City:   | Schenectady                              |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| State/Country:  | NEW YORK                                 |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| Postal Code:  | 12345                                    |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| PROPERTY NUMBERS Total: 1   |  |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12873309</td></tr></tbody></table>  |  | Property Type | Number         | Application Number: | 12873309   |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| Property Type   | Number                                   |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| Application Number:   | 12873309                                 |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| CORRESPONDENCE DATA   |  |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| Fax Number:   | (866)308-9939                            |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>  |  |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| Phone:  | 518-387-7724                             |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| Email:  | rosssr@ge.com                            |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| Correspondent Name:   | GENERAL ELECTRIC COMPANY GLOBAL RESEARCH |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| Address Line 1:   | ONE RESEARCH CIRCLE                      |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| Address Line 2:   | BLDG. K1-3A59                            |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| Address Line 4:   | NISKAYUNA, NEW YORK 12309                |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |
| ATTORNEY DOCKET NUMBER:   | 243840-1                                 |               |                |                     |            |                         |            |                          |            |                        |            |                      |            |               |            |                      |            |

CH \$40.00 12873309

501300612

PATENT  
REEL: 025040 FRAME: 0037

NAME OF SUBMITTER:

Terry M. Sanks

**Total Attachments: 8**

source=ptoasgmt#page1.tif

source=ptoasgmt#page2.tif

source=ptoasgmt#page3.tif

source=ptoasgmt#page4.tif

source=ptoasgmt#page5.tif

source=ptoasgmt#page6.tif

source=ptoasgmt#page7.tif

source=ptoasgmt#page8.tif

**ASSIGNMENT**

In accordance with my/our obligations under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between the General Electric Company, a New York Corporation, and my employer), and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

|                          |    |                            |
|--------------------------|----|----------------------------|
| Scott Charles Evans      | of | Burnt Hills, New York      |
| Yogesh Kesrinath Potdar  | of | Niskayuna, New York        |
| Michael Joseph Dell'Anno | of | Niskayuna, New York        |
| Thomas Stephen Markham   | of | Niskayuna, New York        |
| Adam Edgar Klingbeil     | of | Ballston Lake, New York    |
| Robert Boring            | of | Niskayuna, New York        |
| Bruce Gordon Barnett     | of | Greenville, South Carolina |

hereby sell and assign to **General Electric Company**, a New York Corporation (hereinafter referred to as Assignee), having an address at 1 River Road, Schenectady, New York 12345, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled:

**SYSTEM, METHOD, AND COMPUTER SOFTWARE CODE  
FOR DETECTING A COMPUTER NETWORK INTRUSION IN  
AN INFRASTRUCTURE ELEMENT OF A HIGH VALUE TARGET**


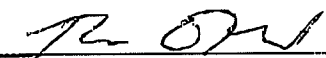
☐ executed concurrently herewith,

☒ filed on August 31, 2010, having Application No. 12/873,309

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Assignee, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I/we will communicate to said Assignee or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

DOCKET NUMBER: 243840-1

## INVENTOR 1

Signature:   
Scott Charles EvansDate: 8/30/2010Witnessed by:   
Signature  
HUA QIAN  
Printed Name of WitnessDate: 8/30/2010Witnessed by:   
Signature  
Paul O'Neil  
Printed Name of WitnessDate: 8/30/2010

---

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

---

\_\_\_\_\_  
Scott Charles Evans

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

STATE OF \_\_\_\_\_

ss.

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Scott Charles Evans**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

INVENTOR 2

Signature:   
Yogesh Kesrinath Potdar

Date: 3<sup>rd</sup> Sept. 2010

Witnessed by:   
Signature

Date: 3<sup>rd</sup> sep'2010

Shantanu Sane  
Printed Name of Witness

Witnessed by:   
Signature

Date: 3<sup>rd</sup> September 2010

Balajee Ananthasayanam  
Printed Name of Witness

---

---

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

---

---

\_\_\_\_\_  
Yogesh Kesrinath Potdar

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

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Yogesh Kesrinath Potdar**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

DOCKET NUMBER: 243840-1

INVENTOR 3

Signature: Michael Joseph Dell'Anno

Michael Joseph Dell'Anno

Date: 8/30/2010Witnessed by: Fergus Ross

Signature

Fergus Ross

Printed Name of Witness

Date: 8/30/2010Witnessed by: Paul O'Neil

Signature

Paul O'Neil

Printed Name of Witness

Date: 8/30/2010

---

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

---

Michael Joseph Dell'Anno

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

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Michael Joseph Dell'Anno**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

DOCKET NUMBER: 243840-1

INVENTOR 4

Signature: Thomas Stephen Markham  
Thomas Stephen MarkhamDate: 8/30/2010Witnessed by: P. O'Neil  
SignatureDate: 8/30/2010PAUL O'NEIL  
Printed Name of WitnessWitnessed by: Hua Qian  
SignatureDate: 8/30/2010HUA QIAN  
Printed Name of Witness

---

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

---

\_\_\_\_\_  
Thomas Stephen Markham

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

STATE OF \_\_\_\_\_

ss. \_\_\_\_\_

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Thomas Stephen Markham**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

INVENTOR 5

Signature:   
Adam Edgar Klingbeil

Date: 08-30-2010

Witnessed by:   
Signature

Date: 8-30-10

A.H. FURMAN  
Printed Name of Witness

Witnessed by:   
Signature

Date: 8-30-10

Erica Salazar  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
Adam Edgar Klingbeil

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

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Adam Edgar Klingbeil, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)



DOCKET NUMBER: 243840-1

INVENTOR 6

Signature: Robert Boring  
Robert BoringDate: 8/31/2010Witnessed by: Elizabeth Hartman  
SignatureDate: 8/31/2010Elizabeth Hartman  
Printed Name of WitnessWitnessed by: LuAnne Boyce  
SignatureDate: 8/31/2010LUANNE BOYCE  
Printed Name of Witness

---

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

---

Robert Boring Date: \_\_\_\_\_  
Robert Boring

STATE OF

SS.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Robert Boring**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

DOCKET NUMBER: 243840-1

INVENTOR 7

Signature: Bruce Gordon Barnett  
Bruce Gordon BarnettDate: 8/31/2010Witnessed by: Paul O'Neil  
SignatureDate: 8/30/2010Paul O'Neil  
Printed Name of WitnessWitnessed by: Hua Qian  
SignatureDate: 8/30/2010HUA QIAN  
Printed Name of Witness

---

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

---

\_\_\_\_\_  
Bruce Gordon Barnett

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

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Bruce Gordon Barnett**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)