## 503959308 08/13/2016

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4005963

|  |                    | NEW ASSIGNMENT   |                |  |
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| NATURE OF CONVEYANCE:  |                    | ASSIGNMENT   | ASSIGNMENT     |  |
| CONVEYING PARTY DA   | ТА                 |  |                |  |
|  |                    | Name   | Execution Date |  |
| ANDREW DAVIS   |                    |  | 05/28/2015     |  |
| MATTHEW WOLFF  |                    |  | 05/28/2015     |  |
| DEREK A. SOEDER  |                    |  | 06/01/2015     |  |
| GLENN CHISHOLM   |                    |  | 05/28/2015     |  |
| RYAN PERMEH  |                    |  | 06/02/2015     |  |
| RECEIVING PARTY DAT  | ΓΔ                 |  |                |  |
| Name:  |                    | ICE, INC.  |                |  |
|  |                    | VON KARMAN AVENUE, SUITE 700   |                |  |
| City:  | IRVINE             |  |                |  |
| State/Country:   | CALIFO             | -  |                |  |
| Postal Code: 92612   |                    |  |                |  |
| PROPERTY NUMBERS   | Total: 1           | Number   |                |  |
| Dura u a uta a Ta un a   |                    |  |                |  |
| Property Type  |                    |  |                |  |
| Property Type<br>Application Number:   |                    | 15236289   |                |  |
| Application Number:  |                    |  |                |  |
|  |                    | 15236289   |                |  |
| Application Number:<br>CORRESPONDENCE DA<br>Fax Number:<br>Correspondence will be  | sent to            | 15236289<br>(858)314-1501<br>o the e-mail address first; if that is unsucc   |                |  |
| Application Number:<br>CORRESPONDENCE DA<br>Fax Number:<br>Correspondence will be<br>using a fax number, if p  | sent to<br>rovideo | 15236289<br>(858)314-1501<br>o the e-mail address first; if that is unsucc<br>d; if that is unsuccessful, it will be sent via  |                |  |
| Application Number:<br>CORRESPONDENCE DA<br>Fax Number:<br>Correspondence will be<br>using a fax number, if p<br>Phone:  | sent to<br>rovideo | 15236289<br>(858)314-1501<br>o the e-mail address first; if that is unsucc<br>d; if that is unsuccessful, it will be sent via<br>8583141500  |                |  |
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| Application Number:<br>CORRESPONDENCE DA<br>Fax Number:<br>Correspondence will be<br>using a fax number, if p<br>Phone:<br>Email:<br>Correspondent Name:<br>Address Line 1:<br>Address Line 4:<br>ATTORNEY DOCKET NU                                     | sent to<br>rovideo | 15236289<br>(858)314-1501<br><b>b the e-mail address first; if that is unsuce</b><br><b>d; if that is unsuccessful, it will be sent via</b><br>8583141500<br>kdlepari@mintz.com<br>MICHAEL VAN LOY<br>3580 CARMEL MOUNTAIN ROAD, SUITE 3<br>SAN DIEGO, CALIFORNIA 92130<br>44259-513C01US  | a US Mail.     |  |
| Application Number:<br>CORRESPONDENCE DA<br>Fax Number:<br>Correspondence will be<br>using a fax number, if p<br>Phone:<br>Email:<br>Correspondent Name:<br>Address Line 1:<br>Address Line 4:<br>ATTORNEY DOCKET NU<br>NAME OF SUBMITTER:               | sent to<br>rovideo | 15236289<br>(858)314-1501<br><b>b the e-mail address first; if that is unsuce</b><br><b>d; if that is unsuccessful, it will be sent via</b><br>8583141500<br>kdlepari@mintz.com<br>MICHAEL VAN LOY<br>3580 CARMEL MOUNTAIN ROAD, SUITE :<br>SAN DIEGO, CALIFORNIA 92130<br>44259-513C01US<br>MICHAEL VAN LOY                             | a US Mail.     |  |
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Attorney's Docket No.: 44259 513P01US

## ASSIGNMENT

We, Andrew Davis of Irvine, California, Matthew Wolff of Newport Beach, California, Derek A. Soeder of Irvine, California, Glenn Chisholm of Irvine, California, and Ryan Permeh of Irvine, California, the undersigned, hereinafter referred to as the ASSIGNORS, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that we have sold and assigned, and do hereby assign, sell and transfer to Cylance, Inc., with offices at 46 Discovery, Suite 200, Irvine, California 92618 and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

## RECURRENT NEURAL NETWORKS FOR MALWARE ANALYSIS

filed with the U.S. Patent and Trademark Office on <u>April 16, 2015</u> and assigned Application No. <u>62/148,652</u>, including any subsequently filed utility applications, which claim priority to Application No. <u>62/148,652</u>, and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions continuations; renewals, revivals, reissues, reexaminations and extensions thereof.

41237645v.1

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We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

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

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

| Date: <u>5/246/2015</u>                                |   |
|--|---|
| Date:  | Signature of: Andrew Davis                          |
| IN WITNESS WHEREOF, I,                                 | Printed Name of Witness)                            |
| And I amore personally recent and did se               | ce the above named person duly sign and execute the |
| assignment.  | · · · · · · · · · · · · · · · · · · ·               |
| (Signature of Witness)<br>Date: 5 29 701               |   |
| IN WTINESS WHEREOF, I.                                 | <u>Cady Andrisco</u> , hereby declare               |
|  | (Function Name of Withess)                          |
| that I was personally present and did s<br>assignment. | ee the above named person duly sign and execute the |
| (Signature of Witness)                                 |   |
| Date: 5/25/2015  | •••••••   |
|  |   |
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PATENT REEL: 039427 FRAME: 0106

Amorney Docket No.: 44259-513201US

First Inventor: Andrew Davis et al. Page 3 of 6

| Date: <u>5-28-15</u>   | Musay                          | The second s |  |  |  |
|--|--------------------------------|--|--|--|--|
| 1786 <u>2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2</u>  | Signature of: Matthew Wolff    |  |  |  |  |
| IN WITNESS WHEREOF, I, Kel   | a Mars                         | , hereby declare   |  |  |  |
|  | (Printed Name of Witness)      |  |  |  |  |
| that I was personally present and did see the  | e above named person duly sign | and execute the  |  |  |  |
| assignment.  |                                |  |  |  |  |
| Carter and the second s |                                |  |  |  |  |
| (Signature of Witness)   |                                |  |  |  |  |
| (Signature of Winess)<br>Date: 7/29/24/  |                                |  |  |  |  |
| Date: [ 2 2 ] [ 2 2 ]  |                                |  |  |  |  |
|  |                                |  |  |  |  |
|  |                                |  |  |  |  |
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|  | at the time of                 |  |  |  |  |
| IN WITNESS WHEREOF, I,   | coy many                       | , hereby dedage  |  |  |  |
|  | (Printed Name of Witness)      |  |  |  |  |
| that I was personally present and did see the  | e above named person duly sign | n and execute the  |  |  |  |
| assignment   |                                |  |  |  |  |
| and Que i for the second se  |                                |  |  |  |  |
| and a second   |                                |  |  |  |  |
| (Signature of Witness)   |                                |  |  |  |  |
|  |                                |  |  |  |  |
| Date: 5/28/20015   |                                |  |  |  |  |
| · · · · · · · · · · · · · · · · · · ·  |                                |  |  |  |  |
|  |                                |  |  |  |  |

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Attorney Docket No.: 44259-5 3901US

First Inventor: Andrew Davis et al. Page 4 of 6

Date: \_\_\_\_\_06/01/2015 Signature of: Derek A. Soeder Kell PALA , hereby declare (Printed Name of Witness) IN WITNESS WHEREOF, I that I was personally present and did see the above named person duly sign and execute the assignment. (per ž (Signature of Witness) 238 Date: \_\_\_\_ Si. er 8 3 \_\_\_\_\_, hereby declare IN WITNESS WHEREOF, I, (Pfented Name of Witness) that I was personally present and did see the above named person duly sign and execute the assignment. (Signature of Witness) 6/1 2015 Date: \_\_\_\_

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Attomey Docket No.: 44259-53201US

REEL: 039427 FRAME: 0109

First Invensor: Andrew Davis et al. Page 5 of 6

Date: Signature of: Glenn Chisholm Lan hereby declare IN WTINESS WHEREOF, I, (Printed Name of Witness) that I was personally present and did see the above named person duly sign and execute the assignment,-(Signature of Witness) Ş Zarr Z Date: hereby declare IN WITNESS WHEREOF, I, (Printed Name of Witness) that I was personally present and/did see the above named person duly sign and execute the assignment. <u>Seel Bayman</u> (Signature of Witness) Date: <u>5/28/2015</u> 41237645v.1 PATENT

Attorney Docker No.: 44259-513201US

First Inventor: Andrew Davis et al. Page 6 of 6

| 6-2-15   | <u>AN</u>  |                |
|--|--|----------------|
| Date:  | - Signature of: Ryan Permeh  |                |
|  |  |                |
| N WITNESS WHEREOF, I,                                    | oneybrite ,  | hereby declare |
|  | (Printed Name of Witness)  |                |
|  | the above named person duly sign and exect   | are inc        |
| issignment.  | and the second |                |
| Signature of Witness)                                    |  |                |
| Date: <u>6-2-/5</u>                                      | ••••   |                |
|  |  |                |
| IN WITNESS WHEREOF, I, <u>C</u>                          | in Palanes   | hereby declare |
| · · · · · · · · · · · · · · · · · · ·                    | (Printed Name of Witness)  |                |
| that I was personally present and did sec<br>assignment. | the above named person duly sign and exec  | ute the        |
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| Date: <u>A</u>   |  |                |
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