

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT8326360

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| <b>SUBMISSION TYPE:</b>  | NEW ASSIGNMENT  |
| <b>NATURE OF CONVEYANCE:</b>   | RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY |
| <b>CONVEYING PARTY DATA</b>  |   |
| <b>Name</b>  | <b>Execution Date</b>                                 |
| SILICON VALLEY BANK, A DIVISION OF FIRST-CITIZENS BANK TRUST COMPANY | 12/12/2023  |
| <b>RECEIVING PARTY DATA</b>  |   |
| <b>Name:</b>   | IBOSS, INC.   |
| <b>Street Address:</b>   | 101 FEDERAL STREET, 23RD FLOOR                        |
| <b>City:</b>   | BOSTON  |
| <b>State/Country:</b>  | MASSACHUSETTS   |
| <b>Postal Code:</b>  | 02110   |
| <b>PROPERTY NUMBERS Total: 108</b>                                   |   |
| <b>Property Type</b>   | <b>Number</b>   |
| Application Number:  | 16919998  |
| Application Number:  | 17164533  |
| Application Number:  | 17848258  |
| Application Number:  | 17189082  |
| Application Number:  | 17828678  |
| Application Number:  | 17371856  |
| Application Number:  | 17861107  |
| Application Number:  | 12481331  |
| Application Number:  | 13455116  |
| Application Number:  | 15094900  |
| Application Number:  | 15982753  |
| Application Number:  | 13896233  |
| Application Number:  | 13906238  |
| Application Number:  | 13865920  |
| Application Number:  | 14263402  |
| Application Number:  | 14580462  |
| Application Number:  | 13890146  |
| Application Number:  | 14682019  |
| Application Number:  | 14845209  |
| Application Number:  | 15066846  |

PATENT

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 13906252 |
| Application Number: | 13897325 |
| Application Number: | 13897333 |
| Application Number: | 14103736 |
| Application Number: | 13957329 |
| Application Number: | 14659548 |
| Application Number: | 13906281 |
| Application Number: | 13865850 |
| Application Number: | 14265540 |
| Application Number: | 13901515 |
| Application Number: | 14845169 |
| Application Number: | 15336639 |
| Application Number: | 13906265 |
| Application Number: | 13959613 |
| Application Number: | 13966900 |
| Application Number: | 14682703 |
| Application Number: | 14845152 |
| Application Number: | 13944585 |
| Application Number: | 14267315 |
| Application Number: | 14708113 |
| Application Number: | 13951359 |
| Application Number: | 14810356 |
| Application Number: | 14061591 |
| Application Number: | 13959609 |
| Application Number: | 13951392 |
| Application Number: | 14184592 |
| Application Number: | 13959561 |
| Application Number: | 14265997 |
| Application Number: | 14029639 |
| Application Number: | 14563767 |
| Application Number: | 13962832 |
| Application Number: | 15192891 |
| Application Number: | 14085661 |
| Application Number: | 15201260 |
| Application Number: | 14257912 |
| Application Number: | 14944808 |
| Application Number: | 14191346 |
| Application Number: | 14944057 |

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15726250 |
| Application Number: | 14659357 |
| Application Number: | 15019727 |
| Application Number: | 15284084 |
| Application Number: | 14226582 |
| Application Number: | 14813919 |
| Application Number: | 14280440 |
| Application Number: | 14280488 |
| Application Number: | 14642616 |
| Application Number: | 14850817 |
| Application Number: | 14226645 |
| Application Number: | 14201607 |
| Application Number: | 14188549 |
| Application Number: | 14730110 |
| Application Number: | 15284297 |
| Application Number: | 14280513 |
| Application Number: | 14848219 |
| Application Number: | 15382392 |
| Application Number: | 15803660 |
| Application Number: | 16513899 |
| Application Number: | 14472302 |
| Application Number: | 14835063 |
| Application Number: | 15206802 |
| Application Number: | 14497167 |
| Application Number: | 14843922 |
| Application Number: | 14497246 |
| Application Number: | 14810319 |
| Application Number: | 15470687 |
| Application Number: | 14812984 |
| Application Number: | 14516539 |
| Application Number: | 14811800 |
| Application Number: | 14811812 |
| Application Number: | 14566587 |
| Application Number: | 14709160 |
| Application Number: | 14987486 |
| Application Number: | 15273534 |
| Application Number: | 15675480 |
| Application Number: | 14697558 |

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15727219 |
| Application Number: | 16666324 |
| Application Number: | 14644151 |
| Application Number: | 15073558 |
| Application Number: | 15145672 |
| Application Number: | 14818271 |
| Application Number: | 15204929 |
| Application Number: | 17021649 |
| Application Number: | 15233894 |
| Application Number: | 16666296 |
| Application Number: | 16388551 |
| Application Number: | 14199616 |

#### CORRESPONDENCE DATA

**Fax Number:** (202)887-4288

*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.*

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**Email:** mbeyene@akingump.com, DC\_IPDocketing@AKINGUMP.com

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**Address Line 1:** 2001 K STREET N.W.

**Address Line 4:** WASHINGTON DC, D.C. 20006

**ATTORNEY DOCKET NUMBER:** 699321.0010

**NAME OF SUBMITTER:** MUSSIE BEYENE

**SIGNATURE:** /MUSSIE BEYENE/

**DATE SIGNED:** 12/12/2023

#### Total Attachments: 28

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## **RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY**

This RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY, dated as of December 12, 2023 (“**Release**”), is made by and between IBOSS, INC., a Delaware corporation, (“**Grantor**”) and SILICON VALLEY BANK, a division of First-Citizens Bank Trust Company (“**Bank**”).

### **W I T N E S S E T H:**

WHEREAS, the Grantor is party to the Loan and Security Agreement dated as of June 28, 2019 between Grantor and Bank (as has been amended, amended and restated, supplemented or otherwise modified from time to time, in favor of the Bank pursuant to which the Grantor executed and delivered the certain Intellectual Property Security Agreement dated December 15, 2020 between Grantor and Bank, as amended by a certain First Amendment to Intellectual Property Security Agreement dated as of September 10, 2021, and as further amended by a certain Second Amendment to Intellectual Property Security Agreement dated as of September 14, 2022 (as amended, the “**Intellectual Property Security Agreement**”);

WHEREAS, the Intellectual Property Security Agreement was recorded on September 19, 2022, December 16, 2020, September 10, 2021, and November 18, 2022, with the United States Patent and Trademark Office (“**USPTO**”) at Reel 061463, Frame 0331; Reel 7879, Frame 0058; Reel 057566, Frame 0149; Reel 054789, Frame 0680; and Reel 7136, Frame 0419 and

WHEREAS, pursuant to the Termination Letter, dated as of March 28, 2023 (“**Effective Date**”), the Bank has released, in favor of the Grantor, all of Bank’s security interest in the Intellectual Property Collateral (as defined in the Intellectual Property Security Agreement), including those (i) patents, pending patents, and patent grants listed on **Schedule I** attached hereto and (ii) trademarks and trademark registrations listed on **Schedule II** attached hereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged and as set forth in the Termination Letter, as of the Effective Date, the Bank hereby releases and re-conveys to the Grantor any and all of the Bank’s right, title and interest in and to its security interest in the Intellectual Property Collateral. In addition, the parties further agree as follows:

1. The Bank and the Grantor authorize and request that the USPTO and any other applicable government officer record this Release.
2. The validity, interpretation and enforcement of this Release and any dispute arising out of the relationship between the parties hereto, whether in contract, tort, equity or otherwise, shall be governed by and construed in accordance with the terms and conditions of the Termination Letter and this Release is expressly subject thereto.
3. This Release may be executed in any number of counterparts, all of which shall constitute one and the same instrument, and any party hereto may execute this Release by signing and delivering one or more counterparts.

*[Signature page to follow.]*

IN WITNESS WHEREOF, the Bank has caused this Release to be duly executed and delivered by its duly authorized officer made effective as of the Effective Date hereinabove.

**FIRST-CITIZENS BANK & TRUST  
COMPANY**

DocuSigned by:  
By: Chris Morrison  
Name: Chris Morrison  
Title: Managing Director

**GRANTOR:**

**IBOSS, INC.**

By: \_\_\_\_\_

Name: Paul Martini  
Title: Chief Executive Officer

IN WITNESS WHEREOF, the Bank has caused this Release to be duly executed and delivered by its duly authorized officer made effective as of the Effective Date hereinabove.

**FIRST-CITIZENS BANK & TRUST  
COMPANY**

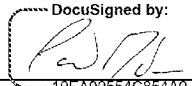
By: \_\_\_\_\_

Name:

Title:

**GRANTOR:**

**IBOSS, INC.**

By:  \_\_\_\_\_  
Name: Paul Martini  
Title: Chief Executive Officer



**SCHEDULE I**

| Reference #   | Country Name  | Status    | Filed Date | Serial #    | Publication Date | Publication #      | Allowance Date | Title  |
|---------------|---------------|-----------|------------|-------------|------------------|--------------------|----------------|--|
| 38097-0004CA1 | Canada        | PENDING   | 05/06/2014 | 2912529     |                  |                    |                | IMPLICITLY LINKING ACCESS POLICIES USING GROUP NAMES   |
| 38097-0004EP2 | Europe        | PUBLISHED | 05/06/2014 | 201819208   | 11/04/2020       | 3734932            |                | IMPLICITLY LINKING ACCESS POLICIES USING GROUP NAMES   |
| 38097-0008CA2 | Canada        | PENDING   | 05/06/2014 | 3,060,851   |                  |                    |                | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION  |
| 38097-0010EP3 | Europe        | PUBLISHED | 05/29/2014 | 21208277    | 07/06/2022       | 4024756            |                | CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION  |
| 38097-0014002 | United States | PUBLISHED | 07/02/2020 | 16/919,998  | 01/07/2021       | US 2021-0004453-A1 |                | DEVICE SPECIFIC AUTHENTICATION CREDENTIALS   |
| 38097-0022EP2 | Europe        | PUBLISHED | 05/15/2014 | 19173730.3  | 01/15/2020       | 3595260            |                | LOCATION BASED NETWORK USAGE POLICIES  |
| 38097-0047006 | United States | PUBLISHED | 02/01/2021 | 17/164,533  | 07/29/2021       | US 2021-0234846-A1 |                | MANAGE ENCRYPTED NETWORK TRAFFIC USING DNS RESPONSES   |
| 38097-0065CA1 | Canada        | ALLOWED   | 05/02/2017 | 3023218     |                  |                    | 05/05/2022     | SELECTIVELY ALTERING REFERENCES WITHIN ENCRYPTED PAGES USING MAN IN THE MIDDLE                                   |
| 38097-0067004 | United States | PENDING   | 06/23/2022 | 17/848,258  |                  |                    |                | APPLYING NETWORK POLICIES TO DEVICES BASED ON THEIR CURRENT ACCESS NETWORK                                       |
| 38097-0067CA1 | Canada        | PENDING   | 05/12/2017 | 3023992     |                  |                    |                | APPLYING NETWORK POLICIES TO DEVICES BASED ON THEIR CURRENT ACCESS NETWORK                                       |
| 38097-0067EP1 | Europe        | ALLOWED   | 05/12/2017 | 17796996.1  | 03/20/2019       | 3456063            | 06/30/2022     | APPLYING NETWORK POLICIES TO DEVICES BASED ON THEIR CURRENT ACCESS NETWORK                                       |
| 38097-0072003 | United States | PUBLISHED | 03/01/2021 | 17/189,082  | 08/19/2021       | US 2021-0258381-A1 |                | DISTRIBUTED NETWORK SECURITY SYSTEM PROVIDING ISOLATION OF CUSTOMER DATA   |
| 38097-0072CA1 | Canada        | PENDING   | 08/10/2017 | 3033111     |                  |                    |                | DISTRIBUTED NETWORK SECURITY SYSTEM PROVIDING ISOLATION OF CUSTOMER DATA   |
| 38097-0077002 | United States | ALLOWED   | 05/31/2022 | 17/828,678  |                  |                    | 07/26/2022     | MALWARE DETECTION FOR PROXY SERVER NETWORKS  |
| 38097-0077CA1 | Canada        | PENDING   | 09/01/2017 | 3035823     |                  |                    |                | MALWARE DETECTION FOR PROXY SERVER NETWORKS  |
| 38097-0084002 | United States | ALLOWED   | 07/09/2021 | 17/371,856  | 10/28/2021       | US 2021-0337017-A1 | 07/18/2022     | HYBRID CLOUD COMPUTING NETWORK MANAGEMENT WITH SYNCHRONIZATION FEATURES ACROSS DIFFERENT CLOUD SERVICE PROVIDERS |
| 38097-0084CA1 | Canada        | PENDING   | 04/18/2019 | 3,097,632   |                  |                    |                | HYBRID CLOUD COMPUTING NETWORK MANAGEMENT  |
| 38097-0084EP1 | Europe        | PUBLISHED | 04/18/2019 | 19789553.5  | 02/24/2021       | 3782038            |                | HYBRID CLOUD COMPUTING NETWORK MANAGEMENT  |
| 38097-0084P1  | Japan         | PENDING   | 04/18/2019 | 2021-506377 |                  |                    |                | HYBRID CLOUD COMPUTING NETWORK MANAGEMENT  |
| 38097-0100001 | United States | PENDING   | 07/08/2022 | 17/861,107  |                  |                    |                | COMPUTER SECURITY SYSTEM WITH REMOTE BROWSER ISOLATION USING FORWARD PROXYING                                    |

| Reference #   | Country Name  | Filed Date | Serial #    | Publication Date | Publication #      | Issue Date | Patent #    | Expiration Date | Title   |
|---------------|---------------|------------|-------------|------------------|--------------------|------------|-------------|-----------------|---|
| 38097-002001  | United States | 06/09/2009 | 12,481,331  | 12/09/2010       | US-2010-0313229-A1 | 09/16/2014 | 8,837,902   | 11/23/2030      | THRESHOLD-BASED COMPUTER VIDEO OUTPUT RECORDING APPLICATION   |
| 38097-0003001 | United States | 04/24/2012 | 13,455,116  | 10/24/2013       | US-2013-0283385-A1 | 04/12/2016 | 9,313,205   | 07/16/2032      | RESTRICTING COMMUNICATION OVER AN ENCRYPTED NETWORK CONNECTION TO INTERNET DOMAINS THAT SHARE COMMON IP ADDRESSES AND SHARED SSL CERTIFICATES |
| 38097-0003002 | United States | 04/08/2016 | 15/094,900  | 08/04/2016       | US-2016-0226824-A1 | 01/03/2017 | 9,557,823   | 04/24/2032      | RESTRICTING COMMUNICATION OVER AN ENCRYPTED NETWORK CONNECTION TO INTERNET DOMAINS THAT SHARE COMMON IP ADDRESSES AND SHARED SSL CERTIFICATES |
| 38097-0003004 | United States | 05/17/2018 | 15/982,753  | 09/20/2018       | US-2018-270192-A1  | 04/09/2019 | 10,257,157  | 04/24/2032      | RESTRICTING COMMUNICATION OVER AN ENCRYPTED NETWORK CONNECTION TO INTERNET DOMAINS THAT SHARE COMMON IP ADDRESSES AND SHARED SSL CERTIFICATES |
| 38097-00030E1 | Germany       | 04/24/2013 | 13/782033.8 |                  | 2842048            | 11/14/2018 | 6,02013E+11 | 04/24/2033      | RESTRICTING COMMUNICATION OVER AN ENCRYPTED NETWORK CONNECTION TO INTERNET DOMAINS THAT SHARE COMMON IP ADDRESSES AND SHARED SSL CERTIFICATES |
| 38097-0003EP1 | Europe        | 04/24/2013 | 13/782033.8 | 03/04/2015       | 2842048            | 11/14/2018 | 2842048     | 04/24/2033      | RESTRICTING COMMUNICATION OVER AN ENCRYPTED NETWORK CONNECTION TO INTERNET DOMAINS THAT SHARE COMMON IP ADDRESSES AND SHARED SSL CERTIFICATES |
| 38097-0003FR1 | France        | 04/24/2013 | 13/782033.8 |                  |                    | 11/14/2018 | 2842048     | 04/24/2033      | RESTRICTING COMMUNICATION OVER AN ENCRYPTED NETWORK CONNECTION TO INTERNET DOMAINS THAT SHARE COMMON IP ADDRESSES AND SHARED SSL CERTIFICATES |
| 38097-0003GB1 | Great Britain | 04/24/2013 | 13/782033.8 |                  |                    | 11/14/2018 | 2842048     | 04/24/2033      | RESTRICTING COMMUNICATION OVER AN ENCRYPTED NETWORK CONNECTION TO INTERNET DOMAINS THAT SHARE COMMON IP ADDRESSES AND SHARED SSL CERTIFICATES |
| 38097-0005001 | United States | 05/16/2013 | 13/886,233  |                  |                    | 10/07/2014 | 8,856,865   | 05/16/2033      | PRIORITYING CONTENT CLASSIFICATION CATEGORIES   |
| 38097-0006001 | United States | 05/30/2013 | 13/906,238  |                  |                    | 08/26/2014 | 8,819,829   | 05/30/2033      | CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION   |
| 38097-0006CA1 | Canada        | 05/12/2014 | 2914046     | 12/4/2014        |                    | 03/07/2017 | 2914046     | 05/12/2034      | CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION   |
| 38097-0007001 | United States | 04/18/2013 | 13/865,920  |                  |                    | 06/10/2014 | 8,750,239   | 04/18/2033      | ALLOCATING A POOL OF SHARED BANDWIDTH   |
| 38097-0007002 | United States | 04/28/2014 | 14/263,402  | 10/23/2014       | US-2014-0317295-A1 | 03/03/2015 | 8,971,282   | 04/18/2033      | ALLOCATING A POOL OF SHARED BANDWIDTH   |
| 38097-0007003 | United States | 12/23/2014 | 14/580,462  | 04/23/2015       | US-2015-0113147-A1 | 11/24/2015 | 9,197,579   | 04/18/2033      | ALLOCATING A POOL OF SHARED BANDWIDTH   |
| 38097-0008001 | United States | 05/08/2013 | 13/890,146  | 11/13/2014       | US-2014-0337613-A1 | 04/28/2015 | 9,021,575   | 05/08/2033      | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION   |
| 38097-0008002 | United States | 04/08/2015 | 14/682,019  | 07/30/2015       | US-2015-0215286-A1 | 09/29/2015 | 9,148,407   | 05/08/2033      | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION   |
| 38097-0008003 | United States | 09/03/2015 | 14/845,209  | 12/31/2015       | US-2015-0381584-A1 | 03/22/2016 | 9,294,450   | 05/08/2033      | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION   |
| 38097-0008004 | United States | 03/10/2016 | 15/066,846  | 07/07/2016       | US-2016-0197890-A1 | 10/03/2017 | 9,781,082   | 05/08/2033      | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION   |
| 38097-0008CA1 | Canada        | 05/06/2014 | 2912018     |                  |                    | 01/07/2020 | 2912018     | 05/06/2034      | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION   |
| 38097-0008DE1 | Germany       | 05/06/2014 | 14/78054.9  |                  | 2995060            | 12/11/2019 | 6,02014E+11 | 05/06/2034      | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION   |
| 38097-0008EP1 | Europe        | 05/06/2014 | 14/78054.9  | 03/16/2016       | 2995060            | 12/11/2019 | 2995060     | 05/06/2034      | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION   |
| 38097-0008FR1 | France        | 05/06/2014 | 14/78054.9  |                  |                    | 12/11/2019 | 2995060     | 05/06/2034      | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION   |
| 38097-0008GB1 | Great Britain | 05/06/2014 | 14/78054.9  |                  |                    | 12/11/2019 | 2995060     | 05/06/2034      | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION   |
| 38097-0010001 | United States | 05/30/2013 | 13/906,252  |                  |                    | 05/27/2014 | 8,739,286   | 05/30/2033      | CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION   |
| 38097-0010CA1 | Canada        | 05/29/2014 | 2,914,186   |                  |                    | 03/07/2017 | 2,914,186   | 05/29/2034      | CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION   |
| 38097-0010DE1 | Germany       | 05/29/2014 | 14/73876.8  |                  | 3005658            | 10/30/2019 | 6,02014E+11 | 05/29/2034      | CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION   |
| 38097-0010DE2 | Germany       | 05/29/2014 | 19205915.2  |                  | 3644583            | 11/17/2021 | 6,02014E+11 | 05/29/2034      | CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION   |
| 38097-0010EP1 | Europe        | 05/29/2014 | 14/73876.8  | 04/13/2016       | 3005658            | 10/30/2019 | 3005658     | 05/29/2034      | CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION   |
| 38097-0010EP2 | Europe        | 05/29/2014 | 19205915.2  | 04/29/2020       | 3644583            | 11/17/2021 | 3644583     | 05/29/2034      | CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION   |
| 38097-0010FR1 | France        | 05/29/2014 | 14/73876.8  |                  |                    | 10/30/2019 | 3005658     | 05/29/2034      | CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION   |
| 38097-0010FR2 | France        | 05/29/2014 | 19205915.2  |                  |                    | 11/17/2021 | 3644583     | 05/29/2034      | CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION   |

|               |               |            |              |            |                    |  |            |             |            |   |
|---------------|---------------|------------|--------------|------------|--------------------|--|------------|-------------|------------|---|
| 38097-0010G61 | Great Britain | 05/29/2014 | 14733876.8   |            |                    |  | 10/30/2019 | 3005658     | 05/29/2034 | CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION |
| 38097-0010G62 | Great Britain | 05/29/2014 | 19205915.2   |            |                    |  | 11/17/2021 | 3645483     | 05/29/2034 | CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION |
| 38097-0010HK2 | Hong Kong     | 05/29/2014 | 442020018366 | 01/22/2021 | 40027483A          |  | 04/01/2022 | 40027483    | 05/29/2034 | CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION |
| 38097-0011001 | United States | 05/17/2013 | 137897.325   |            |                    |  | 09/16/2014 | 8.839,425   | 05/17/2033 | DESTINATION-SPECIFIC NETWORK MANAGEMENT                   |
| 38097-0012001 | United States | 05/17/2013 | 137897.333   |            |                    |  | 12/17/2013 | 8.613,069   | 05/17/2033 | PROVIDING SINGLE SIGN-ON FOR WIRELESS DEVICES             |
| 38097-0012002 | United States | 12/11/2013 | 147103.736   |            |                    |  | 09/16/2014 | 8.839,396   | 05/17/2033 | PROVIDING SINGLE SIGN-ON FOR WIRELESS DEVICES             |
| 38097-0012CA1 | Canada        | 05/15/2014 | 2,912.774    |            |                    |  | 05/14/2019 | 2,912.774   | 05/15/2034 | PROVIDING SINGLE SIGN-ON FOR WIRELESS DEVICES             |
| 38097-0012DE1 | Germany       | 05/15/2014 | 14733781     |            | 2997711            |  | 03/20/2019 | 6.02014E+11 | 05/15/2034 | PROVIDING SINGLE SIGN-ON FOR WIRELESS DEVICES             |
| 38097-0012EP1 | Europe        | 05/15/2014 | 14733781     | 03/23/2016 | 2997711            |  | 03/20/2019 | 2997711     | 05/15/2034 | PROVIDING SINGLE SIGN-ON FOR WIRELESS DEVICES             |
| 38097-0012FR1 | France        | 05/15/2014 | 14733781     |            |                    |  | 03/20/2019 | 2997711     | 05/15/2034 | PROVIDING SINGLE SIGN-ON FOR WIRELESS DEVICES             |
| 38097-0012GB1 | Great Britain | 05/15/2014 | 14733781     |            |                    |  | 03/20/2019 | 2997711     | 05/15/2034 | PROVIDING SINGLE SIGN-ON FOR WIRELESS DEVICES             |
| 38097-0013002 | United States | 08/01/2013 | 137957.329   | 11/28/2013 | US-2013-0315566-A1 |  | 03/17/2015 | 8.984,585   | 06/09/2029 | RECORDING ACTIVITY-TRIGGERED COMPUTER VIDEO OUTPUT        |
| 38097-0013003 | United States | 03/16/2015 | 147659.548   | 09/17/2015 | US-2015-0261953-A1 |  | 06/28/2016 | 9.378,365   | 06/09/2029 | RECORDING ACTIVITY-TRIGGERED COMPUTER VIDEO OUTPUT        |
| 38097-0015001 | United States | 05/30/2013 | 137906.281   |            |                    |  | 05/13/2014 | 8.726,390   | 05/30/2033 | CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION |
| 38097-0015CA1 | Canada        | 05/29/2014 | 2914048      |            |                    |  | 02/28/2017 | 2914048     | 05/29/2034 | CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION |
| 38097-0016001 | United States | 04/18/2013 | 137865.850   |            |                    |  | 05/27/2014 | 8.739,243   | 04/18/2033 | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION       |
| 38097-0016002 | United States | 04/30/2014 | 147255.540   | 10/23/2014 | US-2014-0317397-A1 |  | 07/02/2019 | 10.341,357  | 06/22/2035 | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION       |
| 38097-0016CA1 | Canada        | 04/15/2014 | 2909799      |            |                    |  | 02/28/2017 | 2909799     | 04/15/2034 | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION       |
| 38097-0016DE1 | Germany       | 04/15/2014 | 14725865.1   |            |                    |  | 03/27/2019 | 6.02014E+11 | 04/15/2034 | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION       |
| 38097-0016EP1 | Europe        | 04/15/2014 | 14725865.1   | 03/02/2016 | 2989769            |  | 03/27/2019 | 2989769     | 04/15/2034 | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION       |
| 38097-0016FR1 | France        | 04/15/2014 | 14725865.1   |            |                    |  | 03/27/2019 | 2989769     | 04/15/2034 | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION       |
| 38097-0016GB1 | Great Britain | 04/15/2014 | 14725865.1   |            |                    |  | 03/27/2019 | 2989769     | 04/15/2034 | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION       |
| 38097-0017001 | United States | 05/23/2013 | 137901.515   | 11/27/2014 | US-2014-0351573-A1 |  | 10/13/2015 | 9.160,718   | 05/23/2033 | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION       |
| 38097-0017002 | United States | 09/03/2015 | 147845.169   | 12/31/2015 | US-2015-0381583-A1 |  | 11/01/2016 | 9.485,228   | 05/23/2033 | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION       |
| 38097-0017003 | United States | 10/27/2016 | 157336.639   | 02/16/2017 | US-2017-0048196-A1 |  | 08/29/2017 | 9.749,292   | 05/23/2033 | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION       |
| 38097-0017CA1 | Canada        | 05/22/2014 | 2912608      |            |                    |  | 07/10/2018 | 2912608     | 05/22/2034 | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION       |
| 38097-0018001 | United States | 05/30/2013 | 137906.265   |            |                    |  | 05/20/2014 | 8.732,828   | 05/30/2033 | REFERENC-SPECIFIC NETWORK MANAGEMENT                      |
| 38097-0019001 | United States | 08/05/2013 | 137959.613   | 02/05/2015 | US-2015-0039713-A1 |  | 03/03/2015 | 8.972,513   | 08/05/2033 | CONTENT CACHING   |
| 38097-0021001 | United States | 08/14/2013 | 137966.900   | 02/19/2015 | US-2015-0052345-A1 |  | 04/14/2015 | 9.009,461   | 08/14/2033 | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION       |
| 38097-0021002 | United States | 04/09/2015 | 147682.703   | 07/30/2015 | US-2015-0215296-A1 |  | 04/11/2017 | 9.621,517   | 08/14/2033 | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION       |
| 38097-0021003 | United States | 09/03/2015 | 147845.152   | 12/31/2015 | US-2015-0381570-A1 |  | 12/26/2017 | 9.853,943   | 08/14/2033 | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION       |
| 38097-0021CA1 | Canada        | 08/14/2014 | 2921129      |            |                    |  | 10/04/2016 | 2921129     | 08/14/2034 | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION       |
| 38097-0021DE1 | Germany       | 08/14/2014 | 14835847.6   |            | 3033688            |  | 10/07/2020 | 6.02014E+11 | 08/14/2034 | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION       |
| 38097-0021EP1 | Europe        | 08/14/2014 | 14835847.6   | 06/22/2016 | 3033688            |  | 10/07/2020 | 3033688     | 08/14/2034 | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION       |
| 38097-0021FR1 | France        | 08/14/2014 | 14835847.6   |            |                    |  | 10/07/2020 | 3033688     | 08/14/2034 | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION       |
| 38097-0021GB1 | Great Britain | 08/14/2014 | 14835847.6   |            |                    |  | 10/07/2020 | 3033688     | 08/14/2034 | SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION       |

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| 38097-0022001 | United States | 07/17/2013 | 13/944,585 |            |                    | 05/27/2014 | 8,738,791   | 07/17/2033 | LOCATION BASED NETWORK USAGE POLICIES                                     |
| 38097-0022002 | United States | 05/01/2014 | 14/267,315 | 01/22/2015 | US-2015-0026240-A1 | 06/02/2015 | 9,049,231   | 07/17/2033 | LOCATION BASED NETWORK USAGE POLICIES                                     |
| 38097-0022003 | United States | 05/08/2015 | 14/708,113 | 08/27/2015 | US-2015-0244822-A1 | 12/29/2015 | 9,225,790   | 07/17/2033 | LOCATION BASED NETWORK USAGE POLICIES                                     |
| 38097-0022CA1 | Canada        | 05/15/2014 | 2912703    |            |                    | 11/28/2017 | 2912703     | 05/15/2034 | LOCATION BASED NETWORK USAGE POLICIES                                     |
| 38097-0023001 | United States | 07/25/2013 | 13/951,359 | 01/29/2015 | US-2015-0033298-A1 | 07/28/2015 | 9,092,613   | 12/21/2033 | DEVICE AUTHENTICATION USING PROXY AUTOMATIC CONFIGURATION SCRIPT REQUESTS |
| 38097-0023002 | United States | 07/27/2013 | 14/810,356 | 11/19/2015 | US-2015-0334103-A1 | 01/10/2017 | 9,544,290   | 07/25/2033 | DEVICE AUTHENTICATION USING PROXY AUTOMATIC CONFIGURATION SCRIPT REQUESTS |
| 38097-0024001 | United States | 10/23/2013 | 14/061,591 |            |                    | 11/18/2014 | 8,893,255   | 10/23/2033 | DEVICE AUTHENTICATION USING DEVICE-SPECIFIC PROXY ADDRESSES               |
| 38097-0026001 | United States | 08/05/2013 | 13/959,609 |            |                    | 02/04/2014 | 8,645,535   | 08/05/2033 | DETECTING PROFILE CHANGES BASED ON DEVICE BEHAVIOR                        |
| 38097-0027001 | United States | 07/25/2013 | 13/951,392 | 01/29/2015 | US-2015-0029850-A1 | 03/10/2015 | 8,976,666   | 07/25/2033 | LOAD BALANCING NETWORK ADAPTER  |
| 38097-0028001 | United States | 02/19/2014 | 14/184,592 |            |                    | 03/24/2015 | 8,990,425   | 02/19/2034 | DETERMINING DEVICE LOCATION BASED ON DOMAIN NAME RESPONSE                 |
| 38097-0029001 | United States | 08/05/2013 | 13/959,561 |            |                    | 07/22/2014 | 8,788,703   | 08/05/2033 | CONTENT CACHING   |
| 38097-0029002 | United States | 04/30/2014 | 14/265,997 |            |                    | 12/16/2014 | 8,914,542   | 08/05/2033 | CONTENT CACHING   |
| 38097-0030001 | United States | 09/17/2013 | 14/029,639 |            |                    | 12/09/2014 | 8,910,263   | 09/17/2033 | MOBILE DEVICE MANAGEMENT PROFILE DISTRIBUTION                             |
| 38097-0030002 | United States | 12/08/2014 | 14/563,767 | 04/02/2015 | US-2015-0096005-A1 | 10/13/2015 | 9,160,751   | 09/17/2033 | MOBILE DEVICE MANAGEMENT PROFILE DISTRIBUTION                             |
| 38097-0033001 | United States | 08/08/2013 | 13/962,832 | 02/12/2015 | US-2015-0046588-A1 | 06/28/2016 | 9,380,077   | 10/04/2033 | SWITCHING BETWEEN NETWORKS  |
| 38097-0033002 | United States | 06/24/2016 | 15/192,891 | 10/20/2016 | US-2016-0308850-A1 | 02/05/2019 | 10,200,354  | 12/12/2033 | SWITCHING BETWEEN NETWORKS  |
| 38097-0034001 | United States | 11/20/2013 | 14/085,661 | 05/21/2015 | US-2015-0143110-A1 | 07/05/2016 | 9,386,038   | 11/20/2033 | MANAGE ENCRYPTED NETWORK TRAFFIC USING SPOOFED ADDRESSES                  |
| 38097-0034002 | United States | 07/01/2016 | 15/201,260 | 10/27/2016 | US-2016-0315919-A1 | 07/04/2017 | 9,699,151   | 11/20/2033 | MANAGE ENCRYPTED NETWORK TRAFFIC USING SPOOFED ADDRESSES                  |
| 38097-0034CA1 | Canada        | 11/20/2014 | 2,231,230  |            |                    | 02/07/2017 | 2,931,230   | 11/20/2034 | MANAGE ENCRYPTED NETWORK TRAFFIC USING SPOOFED ADDRESSES                  |
| 38097-0034DE1 | Germany       | 11/20/2014 | 14815997.3 |            | 3072278            | 08/28/2019 | 6,02014E+11 | 11/20/2034 | MANAGE ENCRYPTED NETWORK TRAFFIC USING SPOOFED ADDRESSES                  |
| 38097-0034EP1 | Europe        | 11/20/2014 | 14815997.3 | 09/28/2016 | 3072278            | 08/28/2019 | 3072278     | 11/20/2034 | MANAGE ENCRYPTED NETWORK TRAFFIC USING SPOOFED ADDRESSES                  |
| 38097-0034FR1 | France        | 11/20/2014 | 14815997.3 |            |                    | 08/28/2019 | 3072278     | 11/20/2034 | MANAGE ENCRYPTED NETWORK TRAFFIC USING SPOOFED ADDRESSES                  |
| 38097-0034GB1 | Great Britain | 11/20/2014 | 14815997.3 |            |                    | 08/28/2019 | 3072278     | 11/20/2034 | MANAGE ENCRYPTED NETWORK TRAFFIC USING SPOOFED ADDRESSES                  |
| 38097-0035001 | United States | 04/21/2014 | 14/257,912 | 10/22/2015 | US-2015-0301982-A1 | 12/01/2015 | 9,201,840   | 04/21/2034 | GENERATING PROXY AUTOMATIC CONFIGURATION SCRIPTS                          |
| 38097-0035002 | United States | 11/18/2015 | 14/944,808 | 03/10/2016 | US-2016-0072673-A1 | 01/10/2017 | 9,544,189   | 04/21/2034 | GENERATING PROXY AUTOMATIC CONFIGURATION SCRIPTS                          |
| 38097-0038001 | United States | 02/26/2014 | 14/191,346 | 08/27/2015 | US-2015-0242415-A1 | 11/24/2015 | 9,195,669   | 02/26/2034 | DETECTING AND MANAGING ABNORMAL DATA BEHAVIOR                             |
| 38097-0038002 | United States | 11/17/2015 | 14/944,057 | 03/10/2016 | US-2016-0072848-A1 | 10/17/2017 | 9,794,291   | 02/26/2034 | DETECTING AND MANAGING ABNORMAL DATA BEHAVIOR                             |
| 38097-0038003 | United States | 10/05/2017 | 15/726,250 | 02/15/2018 | US-2018-0048676-A1 | 08/21/2018 | 10,057,256  | 02/26/2034 | DETECTING AND MANAGING ABNORMAL DATA BEHAVIOR                             |
| 38097-0038CA1 | Canada        | 02/26/2015 | 2940874    |            |                    | 01/29/2019 | 2940874     | 02/26/2035 | DETECTING AND MANAGING ABNORMAL DATA BEHAVIOR                             |
| 38097-0038DE1 | Germany       | 02/26/2015 | 15710646.9 |            | 3111616            | 02/12/2020 | 6,02015E+11 | 02/26/2035 | DETECTING AND MANAGING ABNORMAL DATA BEHAVIOR                             |
| 38097-0038EP1 | Europe        | 02/26/2015 | 15710646.9 | 01/04/2017 | 3111616            | 02/12/2020 | 3111616     | 02/26/2035 | DETECTING AND MANAGING ABNORMAL DATA BEHAVIOR                             |
| 38097-0038FR1 | France        | 02/26/2015 | 15710646.9 |            |                    | 02/12/2020 | 3111616     | 02/26/2035 | DETECTING AND MANAGING ABNORMAL DATA BEHAVIOR                             |
| 38097-0038GB1 | Great Britain | 02/26/2015 | 15710646.9 |            |                    | 02/12/2020 | 3111616     | 02/26/2035 | DETECTING AND MANAGING ABNORMAL DATA BEHAVIOR                             |
| 38097-0039001 | United States | 03/06/2014 | 14/199,616 |            |                    | 03/17/2015 | 8,984,149   | 03/06/2034 | APPLYING POLICIES TO SUBNETS  |
| 38097-0039002 | United States | 03/16/2015 | 14/659,357 | 09/10/2015 | US-2015-0256416-A1 | 03/15/2016 | 9,288,119   | 03/06/2034 | APPLYING POLICIES TO SUBNETS  |
| 38097-0039003 | United States | 02/09/2016 | 15/019,727 | 06/09/2016 | US-2016-0164737-A1 | 10/04/2016 | 9,461,889   | 03/06/2034 | APPLYING POLICIES TO SUBNETS  |

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| 38097-0039004 | United States | 10/03/2016 | 15/284,084 | 02/09/2017 | US-2017-0041193-A1 | 11/07/2017 | 9,813,298   | 03/06/2034 | APPLYING POLICIES TO SUBNETS                             |
| 38097-0040001 | United States | 03/26/2014 | 14/226,582 | 10/01/2015 | US-2015-0281275-A1 | 09/08/2015 | 9,130,996   | 03/26/2034 | NETWORK NOTIFICATIONS                                    |
| 38097-0040002 | United States | 07/30/2015 | 14/813,919 | 11/26/2015 | US-2015-0341228-A1 | 01/03/2017 | 9,537,721   | 03/26/2034 | NETWORK NOTIFICATIONS                                    |
| 38097-0040001 | Canada        | 03/25/2015 | 2943559    |            |                    | 12/19/2017 | 2943559     | 03/25/2035 | NETWORK NOTIFICATIONS                                    |
| 38097-0040001 | Germany       | 03/25/2015 | 15768345,9 |            | 3123695            | 12/25/2019 | 6,02015E+11 | 03/25/2035 | NETWORK NOTIFICATIONS                                    |
| 38097-0040001 | Europe        | 03/25/2015 | 15768345,9 | 02/01/2017 | 3123695            | 12/25/2019 | 3123695     | 03/25/2035 | NETWORK NOTIFICATIONS                                    |
| 38097-0040001 | France        | 03/25/2015 | 15768345,9 |            |                    | 12/25/2019 | 3123695     | 03/25/2035 | NETWORK NOTIFICATIONS                                    |
| 38097-0040001 | Great Britain | 03/25/2015 | 15768345,9 |            |                    | 12/25/2019 | 3123695     | 03/25/2035 | NETWORK NOTIFICATIONS                                    |
| 38097-0041001 | United States | 05/16/2014 | 14/280,440 | 11/19/2015 | US-2015-0334116-A1 | 11/15/2016 | 9,497,063   | 05/16/2034 | MAINTAINING IP TABLES                                    |
| 38097-0042001 | United States | 05/16/2014 | 14/280,488 |            |                    | 03/10/2015 | 8,977,728   | 05/16/2034 | MAINTAINING IP TABLES                                    |
| 38097-0042002 | United States | 03/09/2015 | 14/642,616 | 11/19/2015 | US-2015-0333980-A1 | 10/27/2015 | 9,172,619   | 05/16/2034 | MAINTAINING IP TABLES                                    |
| 38097-0042003 | United States | 09/10/2015 | 14/850,817 | 01/07/2016 | US-2016-0006624-A1 | 12/20/2016 | 9,525,602   | 05/16/2034 | MAINTAINING IP TABLES                                    |
| 38097-0043001 | United States | 03/26/2014 | 14/226,645 |            |                    | 12/02/2014 | 8,904,483   | 03/26/2034 | SERVING APPROVED RESOURCES                               |
| 38097-0043001 | Canada        | 03/25/2015 | 2943561    |            |                    | 11/27/2018 | 2943561     | 03/25/2035 | SERVING APPROVED RESOURCES                               |
| 38097-0043001 | Germany       | 03/25/2015 | 15770154,1 |            | 3123696            | 05/08/2019 | 6,02015E+11 | 03/25/2035 | SERVING APPROVED RESOURCES                               |
| 38097-0043001 | Europe        | 03/25/2015 | 15770154,1 | 02/01/2017 | 3123696            | 05/08/2019 | 3123696     | 03/25/2035 | SERVING APPROVED RESOURCES                               |
| 38097-0043001 | France        | 03/25/2015 | 15770154,1 |            |                    | 05/08/2019 | 3123696     | 03/25/2035 | SERVING APPROVED RESOURCES                               |
| 38097-0043001 | Great Britain | 03/25/2015 | 15770154,1 |            |                    | 05/08/2019 | 3123696     | 03/25/2035 | SERVING APPROVED RESOURCES                               |
| 38097-0044001 | United States | 03/07/2014 | 14/201,607 | 09/10/2015 | US-2015-0256516-A1 | 03/14/2017 | 9,596,217   | 03/07/2034 | MANAGE ENCRYPTED NETWORK TRAFFIC USING SPOOFED ADDRESSES |
| 38097-0044001 | Canada        | 03/06/2015 | 2939978    |            |                    | 07/14/2020 | 2939978     | 03/06/2035 | MANAGE ENCRYPTED NETWORK TRAFFIC USING SPOOFED ADDRESSES |
| 38097-0046001 | United States | 02/24/2014 | 14/188,549 |            |                    | 06/09/2015 | 9,085,111   | 02/24/2034 | SOFT WEBSITE BLOCK OVERRIDE                              |
| 38097-0046002 | United States | 06/03/2015 | 14/730,110 | 09/24/2015 | US-2015-0271209-A1 | 10/18/2016 | 9,473,538   | 02/24/2034 | SOFT WEBSITE BLOCK OVERRIDE                              |
| 38097-0046003 | United States | 10/03/2016 | 15/284,297 | 01/26/2017 | US-2017-0026419-A1 | 05/01/2018 | 9,961,113   | 02/24/2034 | SOFT WEBSITE BLOCK OVERRIDE                              |
| 38097-0047001 | United States | 05/16/2014 | 14/280,513 |            |                    | 09/15/2015 | 9,137,217   | 06/13/2034 | MANAGE ENCRYPTED NETWORK TRAFFIC USING DNS RESPONSES     |
| 38097-0047002 | United States | 09/08/2015 | 14/848,219 | 12/31/2015 | US-2015-0381559-A1 | 12/20/2016 | 9,525,660   | 05/16/2034 | MANAGE ENCRYPTED NETWORK TRAFFIC USING DNS RESPONSES     |
| 38097-0047003 | United States | 12/16/2016 | 15/382,392 | 04/06/2017 | US-2017-0099271-A1 | 11/07/2017 | 9,813,394   | 05/16/2034 | MANAGE ENCRYPTED NETWORK TRAFFIC USING DNS RESPONSES     |
| 38097-0047004 | United States | 11/03/2017 | 15/803,660 | 03/01/2018 | US-2018-0063097-A1 | 08/13/2019 | 10,382,411  | 05/16/2034 | MANAGE ENCRYPTED NETWORK TRAFFIC USING DNS RESPONSES     |
| 38097-0047005 | United States | 07/17/2019 | 16/513,899 | 11/28/2019 | US-2019-0364026-A1 | 02/02/2021 | 10,911,420  | 05/16/2034 | MANAGE ENCRYPTED NETWORK TRAFFIC USING DNS RESPONSES     |
| 38097-0048001 | United States | 08/28/2014 | 14/472,302 |            |                    | 09/01/2015 | 9,124,638   | 08/28/2034 | APPLYING GROUP POLICIES                                  |
| 38097-0048002 | United States | 08/25/2015 | 14/835,063 | 07/07/2016 | US-2016-0197956-A1 | 07/12/2016 | 9,390,290   | 08/28/2034 | APPLYING GROUP POLICIES                                  |
| 38097-0048003 | United States | 07/11/2016 | 15/206,802 | 11/03/2016 | US-2016-0323288-A1 | 07/11/2017 | 9,705,898   | 08/28/2034 | APPLYING GROUP POLICIES                                  |
| 38097-0050001 | United States | 09/25/2014 | 14/497,167 | 02/04/2016 | US-2016-0036934-A1 | 01/12/2016 | 9,237,204   | 09/25/2034 | WEB REDIRECTION FOR CACHING                              |
| 38097-0050002 | United States | 09/02/2015 | 14/843,922 | 02/04/2016 | US-2016-0036936-A1 | 02/20/2018 | 9,900,341   | 09/25/2034 | WEB REDIRECTION FOR CACHING                              |
| 38097-0050001 | Canada        | 07/30/2015 | 2956805    |            |                    | 07/23/2019 | 2956805     | 07/30/2035 | WEB REDIRECTION FOR CACHING                              |
| 38097-0050001 | Germany       | 07/30/2015 | 15826545,4 |            | 3175364            | 07/15/2020 | 6,02015E+11 | 07/30/2035 | WEB REDIRECTION FOR CACHING                              |
| 38097-0050001 | Europe        | 07/30/2015 | 15826545,4 | 06/07/2017 | 3175364            | 07/15/2020 | 3175364     | 07/30/2035 | WEB REDIRECTION FOR CACHING                              |

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| 38097-0050FR1 | France        | 07/30/2015 | 15826545.4 |            |                    |  | 07/15/2020 | 3175364     | 07/30/2035 | WEB REDIRECTION FOR CACHING  |
| 38097-0050GB1 | Great Britain | 07/30/2015 | 15826545.4 |            |                    |  | 07/15/2020 | 3175364     | 07/30/2035 | WEB REDIRECTION FOR CACHING  |
| 38097-0051001 | United States | 09/25/2014 | 14/497,246 |            |                    |  | 07/28/2015 | 9,094,443   | 09/25/2034 | WEB REDIRECTION FOR CONTENT SCANNING   |
| 38097-0051002 | United States | 07/27/2015 | 14/810,319 | 02/04/2016 | US-2016-0036830-A1 |  | 03/28/2017 | 9,609,016   | 09/25/2034 | WEB REDIRECTION FOR CONTENT SCANNING   |
| 38097-0051003 | United States | 03/27/2017 | 15/470,687 | 07/13/2017 | US-2017-0201509-A1 |  | 02/20/2018 | 9,900,328   | 09/25/2034 | WEB REDIRECTION FOR CONTENT SCANNING   |
| 38097-0051CA1 | Canada        | 07/30/2015 | 2956676    |            |                    |  | 07/09/2019 | 2956676     | 07/30/2035 | WEB REDIRECTION FOR CONTENT SCANNING   |
| 38097-0051DE1 | Germany       | 07/30/2015 | 15827343.3 |            | 3175366            |  | 09/01/2021 | 6,02015E+11 | 07/30/2035 | WEB REDIRECTION FOR CONTENT SCANNING   |
| 38097-0051EP1 | Europe        | 07/30/2015 | 15827343.3 | 06/07/2017 | 3175366            |  | 09/01/2021 | 3175366     | 07/30/2035 | WEB REDIRECTION FOR CONTENT SCANNING   |
| 38097-0051FR1 | France        | 07/30/2015 | 15827343.3 |            |                    |  | 09/01/2021 | 3175366     | 07/30/2035 | WEB REDIRECTION FOR CONTENT SCANNING   |
| 38097-0051GB1 | Great Britain | 07/30/2015 | 15827343.3 |            |                    |  | 09/01/2021 | 3175366     | 07/30/2035 | WEB REDIRECTION FOR CONTENT SCANNING   |
| 38097-0052001 | United States | 07/29/2015 | 14/812,984 | 02/04/2016 | US-2016-0036831-A1 |  | 05/16/2017 | 9,654,500   | 07/29/2035 | WEB REDIRECTION FOR CONTENT FILTERING  |
| 38097-0052CA1 | Canada        | 07/30/2015 | 2956803    |            |                    |  | 07/09/2019 | 2956803     | 07/30/2035 | WEB REDIRECTION FOR CONTENT FILTERING  |
| 38097-0052DE1 | Germany       | 07/30/2015 | 15826979.5 |            | 3175365            |  | 07/15/2020 | 6,02015E+11 | 07/30/2035 | WEB REDIRECTION FOR CONTENT FILTERING  |
| 38097-0052EP1 | Europe        | 07/30/2015 | 15826979.5 | 06/07/2017 | 3175365            |  | 07/15/2020 | 3175365     | 07/30/2035 | WEB REDIRECTION FOR CONTENT FILTERING  |
| 38097-0052FR1 | France        | 07/30/2015 | 15826979.5 |            |                    |  | 07/15/2020 | 3175365     | 07/30/2035 | WEB REDIRECTION FOR CONTENT FILTERING  |
| 38097-0052GB1 | Great Britain | 07/30/2015 | 15826979.5 |            |                    |  | 07/15/2020 | 3175365     | 07/30/2035 | WEB REDIRECTION FOR CONTENT FILTERING  |
| 38097-0054001 | United States | 10/16/2014 | 14/516,539 |            |                    |  | 12/01/2015 | 9,203,741   | 10/16/2034 | MANAGING MULTI-CUSTOMER NETWORK TRAFFIC USING LOWER LAYER PROTOCOL ATTRIBUTES              |
| 38097-0054001 | United States | 07/28/2015 | 14/811,800 | 01/28/2016 | US-2016-0026798-A1 |  | 11/07/2017 | 9,811,658   | 07/28/2035 | SELECTIVELY CAPTURING VIDEO IN A VIRTUAL ENVIRONMENT BASED ON APPLICATION BEHAVIOR         |
| 38097-0056002 | United States | 07/28/2015 | 14/811,812 | 01/28/2016 | US-2016-0026789-A1 |  | 02/27/2018 | 9,904,781   | 07/28/2035 | EMULATING EXPECTED NETWORK COMMUNICATIONS TO APPLICATIONS IN A VIRTUAL MACHINE ENVIRONMENT |
| 38097-0058001 | United States | 12/10/2014 | 14/566,587 |            |                    |  | 08/25/2015 | 9,118,582   | 12/10/2034 | NETWORK TRAFFIC MANAGEMENT USING PORT NUMBER REDIRECTION                                   |
| 38097-0058002 | United States | 05/11/2015 | 14/709,160 |            |                    |  | 01/05/2016 | 9,231,857   | 12/10/2034 | NETWORK TRAFFIC MANAGEMENT USING PORT NUMBER REDIRECTION                                   |
| 38097-0058003 | United States | 01/04/2016 | 14/987,486 | 06/16/2016 | US-2016-0173632-A1 |  | 10/18/2016 | 9,473,586   | 12/10/2034 | NETWORK TRAFFIC MANAGEMENT USING PORT NUMBER REDIRECTION                                   |
| 38097-0058004 | United States | 09/22/2016 | 15/273,534 | 01/12/2017 | US-2017-0013078-A1 |  | 08/22/2017 | 9,742,859   | 12/10/2034 | NETWORK TRAFFIC MANAGEMENT USING PORT NUMBER REDIRECTION                                   |
| 38097-0058005 | United States | 08/11/2017 | 15/675,480 | 12/21/2017 | US-2017-0366635-A1 |  | 02/26/2019 | 10,218,807  | 12/10/2034 | NETWORK TRAFFIC MANAGEMENT USING PORT NUMBER REDIRECTION                                   |
| 38097-0059001 | United States | 04/27/2015 | 14/697,558 | 10/27/2016 | US-2016-0314298-A1 |  | 10/10/2017 | 9,785,776   | 04/27/2035 | HIGH-RISK PROGRAM IDENTIFICATION BASED ON PROGRAM BEHAVIOR                                 |
| 38097-0059002 | United States | 10/06/2017 | 15/727,219 | 02/01/2018 | US-2018-0032732-A1 |  | 10/29/2019 | 10,460,109  | 04/27/2035 | MALICIOUS PROGRAM IDENTIFICATION BASED ON PROGRAM BEHAVIOR                                 |
| 38097-0059003 | United States | 10/28/2019 | 16/666,324 | 02/27/2020 | US-2020-0065492-A1 |  | 07/06/2021 | 11,055,410  | 04/27/2035 | MALICIOUS PROGRAM IDENTIFICATION BASED ON PROGRAM BEHAVIOR                                 |
| 38097-0061001 | United States | 03/10/2015 | 14/644,151 |            |                    |  | 03/22/2016 | 9,294,492   | 03/10/2035 | SOFTWARE PROGRAM IDENTIFICATION BASED ON PROGRAM BEHAVIOR                                  |
| 38097-0061002 | United States | 03/17/2016 | 15/073,558 | 09/15/2016 | US-2016-0269429-A1 |  | 12/27/2016 | 9,531,740   | 03/10/2035 | SOFTWARE PROGRAM IDENTIFICATION BASED ON PROGRAM BEHAVIOR                                  |
| 38097-0065001 | United States | 05/03/2016 | 15/145,672 |            |                    |  | 06/13/2017 | 9,680,801   | 05/03/2036 | SELECTIVELY ALTERING REFERENCES WITHIN ENCRYPTED PAGES USING MAN IN THE MIDDLE             |
| 38097-0065DE1 | Germany       | 05/02/2017 | 17/931,607 |            | 3453152            |  | 07/08/2020 | 6,02017E+11 | 05/02/2037 | SELECTIVELY ALTERING REFERENCES WITHIN ENCRYPTED PAGES USING MAN IN THE MIDDLE             |
| 38097-0065EP1 | Europe        | 05/02/2017 | 17/931,607 | 03/13/2019 | 3453152            |  | 07/08/2020 | 3453152     | 05/02/2037 | SELECTIVELY ALTERING REFERENCES WITHIN ENCRYPTED PAGES USING MAN IN THE MIDDLE             |
| 38097-0065FR1 | France        | 05/02/2017 | 17/931,607 |            |                    |  | 07/08/2020 | 3453152     | 05/02/2037 | SELECTIVELY ALTERING REFERENCES WITHIN ENCRYPTED PAGES USING MAN IN THE MIDDLE             |
| 38097-0065GB1 | Great Britain | 05/02/2017 | 17/931,607 |            |                    |  | 07/08/2020 | 3453152     | 05/02/2037 | SELECTIVELY ALTERING REFERENCES WITHIN ENCRYPTED PAGES USING MAN IN THE MIDDLE             |
| 38097-0066001 | United States | 08/04/2015 | 14/818,271 |            |                    |  | 07/12/2016 | 9,390,268   | 08/04/2035 | SOFTWARE PROGRAM IDENTIFICATION BASED ON PROGRAM BEHAVIOR                                  |

|               |               |            |            |            |                    |            |             |            |  |
|---------------|---------------|------------|------------|------------|--------------------|------------|-------------|------------|--|
| 38097-0066002 | United States | 07/07/2016 | 15/204,929 | 02/09/2017 | US-2017-0041338-A1 | 06/06/2017 | 9,674,215   | 08/04/2035 | SOFTWARE PROGRAM IDENTIFICATION BASED ON PROGRAM BEHAVIOR                  |
| 38097-0067003 | United States | 09/15/2020 | 17/021,649 | 08/05/2021 | US-2021-0243083-A1 | 06/28/2022 | 11,374,818  | 05/12/2036 | APPLYING NETWORK POLICIES TO DEVICES BASED ON THEIR CURRENT ACCESS NETWORK |
| 38097-0072001 | United States | 08/10/2016 | 15/233,894 | 02/15/2018 | US-2018-0048709-A1 | 10/29/2019 | 10,462,219  | 08/10/2036 | DISTRIBUTED NETWORK SECURITY SYSTEM PROVIDING ISOLATION OF CUSTOMER DATA   |
| 38097-0072002 | United States | 10/28/2019 | 16/666,296 | 02/27/2020 | US-2020-0068016-A1 | 03/02/2021 | 10,938,906  | 08/10/2036 | DISTRIBUTED NETWORK SECURITY SYSTEM PROVIDING ISOLATION OF CUSTOMER DATA   |
| 38097-00720E1 | Germany       | 08/10/2017 | 17840304.4 |            | 3497919            | 10/07/2020 | 6,02017E+11 | 08/10/2037 | DISTRIBUTED NETWORK SECURITY SYSTEM PROVIDING ISOLATION OF CUSTOMER DATA   |
| 38097-0072EP1 | Europe        | 08/10/2017 | 17840304.4 | 06/19/2019 | 3497919            | 10/07/2020 | 3497919     | 08/10/2037 | DISTRIBUTED NETWORK SECURITY SYSTEM PROVIDING ISOLATION OF CUSTOMER DATA   |
| 38097-0072FR1 | France        | 08/10/2017 | 17840304.4 |            |                    | 10/07/2020 | 3497919     | 08/10/2037 | DISTRIBUTED NETWORK SECURITY SYSTEM PROVIDING ISOLATION OF CUSTOMER DATA   |
| 38097-0072GB1 | Great Britain | 08/10/2017 | 17840304.4 |            |                    | 10/07/2020 | 3497919     | 08/10/2037 | DISTRIBUTED NETWORK SECURITY SYSTEM PROVIDING ISOLATION OF CUSTOMER DATA   |
| 38097-0072DE1 | Germany       | 09/01/2017 | 17847650.3 |            | 3507964            | 08/12/2020 | 6,02017E+11 | 09/01/2037 | MALWARE DETECTION FOR PROXY SERVER NETWORKS                                |
| 38097-0077EP1 | Europe        | 09/01/2017 | 17847650.3 | 07/10/2019 | 3507964            | 08/12/2020 | 3507964     | 09/01/2037 | MALWARE DETECTION FOR PROXY SERVER NETWORKS                                |
| 38097-0077FR1 | France        | 09/01/2017 | 17847650.3 |            |                    | 08/12/2020 | 3507964     | 09/01/2037 | MALWARE DETECTION FOR PROXY SERVER NETWORKS                                |
| 38097-0077GB1 | Great Britain | 09/01/2017 | 17847650.3 |            |                    | 08/12/2020 | 3507964     | 09/01/2037 | MALWARE DETECTION FOR PROXY SERVER NETWORKS                                |
| 38097-0084001 | United States | 04/18/2019 | 16/388,551 | 10/24/2019 | US-2019-0327293-A1 | 07/13/2021 | 11,064,015  | 04/18/2039 | HYBRID CLOUD COMPUTING NETWORK MANAGEMENT                                  |



**SCHEDULE II**

iBoss, Inc. - Trademark Matter Report

Aug 30, 2022

| FILE NUMBER      | MARK | APPLICATION NUMBER | DATE FILED   | REGISTRATION |              | STATUS     | REGISTRANT  | CLASS CODE(S) | CLASS CODE(S) & DESCRIPTION   | DRAWING |
|------------------|------|--------------------|--------------|--------------|--------------|------------|-------------|---------------|---|---------|
|                  |      |                    |              | N NUMBER     | N DATE       |            |             |               |   |         |
| IBOS-TM-0003-US2 | 42)  | IBOS-TM-0003-US2   | Oct 21, 2014 | 4793493      | Aug 18, 2015 | Cancelled  | iBoss, Inc. | 42            | 42-Providing on-line non-downloadable data and network security software for the defense, detection, monitoring, and quarantining of unauthorized content   |         |
| IBOS-TM-0003-AR2 | 42)  | IBOS-TM-0003-AR2   | Apr 21, 2015 | 2792981      | Apr 4, 2016  | Registered | iBoss, Inc. | 42            | 42-Providing on-line non-downloadable data and network security software for the defense, detection, monitoring, and quarantining of unauthorized content   |         |
| IBOS-TM-0003-BR2 | 42)  | IBOS-TM-0003-BR2   | Apr 22, 2015 | 909279071    | Oct 10, 2017 | Registered | iBoss, Inc. | 42            | 42-Services providing non-downloadable software online from network and data security for the defense, detection, monitoring and quarantine unauthorized content (Google Translation)   |         |
| IBOS-TM-0003-US1 | 9)   | IBOS-TM-0003-US1   | Oct 21, 2014 | 4807013      | Sep 8, 2015  | Cancelled  | iBoss, Inc. | 9             | 9-Data and network security software for the defense, detection, monitoring, and quarantining of unauthorized content; Computer hardware, namely, hardware for the defense, detection, monitoring, and quarantining of unauthorized content |         |
| IBOS-TM-0003-AU1 | 9)   | IBOS-TM-0003-AU1   | Apr 20, 2015 | 1253157      | Apr 20, 2015 | Registered | iBoss, Inc. | 9             | 9-Data and network security software for the defense, detection, monitoring, and quarantining of unauthorized content   |         |
| IBOS-TM-0003-EM1 | 9)   | IBOS-TM-0003-EM1   | Apr 20, 2015 | 1253157      | Apr 20, 2015 | Registered | iBoss, Inc. | 9             | 9-Data and network security software for the defense, detection, monitoring, and quarantining of unauthorized content; computer hardware, namely, hardware for the defense, detection, monitoring, and quarantining of unauthorized content |         |
| IBOS-TM-0003-GB1 | 9)   | IBOS-TM-0003-GB1   | Apr 20, 2015 | 0081253157   | Apr 20, 2015 | Registered | iBoss, Inc. | 9             | 9-Data and network security software for the defense, detection, monitoring, and quarantining of unauthorized content; computer hardware, namely, hardware for the defense, detection, monitoring, and quarantining of unauthorized content |         |
| IBOS-TM-0003-MX1 | 9)   | IBOS-TM-0003-MX1   | Apr 20, 2015 | 1253157      | Apr 20, 2015 | Registered | iBoss, Inc. | 9             | 9-Data and network security software for the defense, detection, monitoring, and quarantining of unauthorized content; computer hardware, namely, hardware for the defense, detection, monitoring, and quarantining of unauthorized content |         |

|  |                        |  |            |             |       |  |
|--|------------------------|--|------------|-------------|-------|--|
| IBOS-TM-0003- FIRESPIHERE (IC 1253157 WO1 9)     | Apr 20, 2015 1253157   | Apr 20, 2015 International Bureau (WIPO) | Registered | iBoss, Inc. | 9     | 9-Data and network security software for the defense, detection, monitoring, and quarantining of unauthorized content; computer hardware, namely, hardware for the defense, detection, monitoring, and quarantining of unauthorized content.   |
| IBOS-TM-0003- FIRESPIHERE (IC 909279020 BR1 9)   | Apr 21, 2015 909279020 | Oct 10, 2017 Brazil                      | Registered | iBoss, Inc. | 9     | 9-Network and data security hardware and software for defense, content detection, monitoring and quarantine not authorized (Google translation)  |
| IBOS-TM-0003- FIRESPIHERE (IC 3403624 AR1 9)     | Apr 21, 2015 2792980   | Apr 4, 2016 Argentina                    | Registered | iBoss, Inc. | 9     | 9-Data and network security hardware and software for the defense, detection, monitoring, and quarantining of unauthorized content   |
| IBOS-TM-0003- FIRESPIHERE (IC 1724813 CA1 9, 42) | Apr 21, 2015 TMA965027 | Mar 7, 2017 Canada                       | Registered | iBoss, Inc. | 42, 9 | 42-Providing on-line non-downloadable data and network security software for the defense, detection, monitoring, and quarantining of unauthorized content<br>9-Data and network security software for the defense, detection, monitoring, and quarantining of unauthorized content; Computer hardware, namely, hardware for the defense, detection, monitoring, and quarantining of unauthorized content   |
| IBOS-TM-0001- iBOSS CA1                          | 1699472                | Oct 23, 2014 Canada                      | Pending    |             | 42, 9 | 42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and web sites, in the fields of personal productivity, device and data content security, wireless communication, mobile information access, and remote data management for wireless delivery of content to computers, laptops and mobile electronic devices<br>9-Electronic devices for computer network and data security; computer network and data security software; computer, laptop and mobile electronic device security software; data content security software |

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|-----------------------------|--------------|---------------------------|--------------------------------|------------|-------------|-------|---|
| IBOS-TM-0001-IBOSS<br>EMI   | 013399035    | Oct 23, 2014 013399035    | Dec 22, 2016 European<br>Union | Registered | IBoss, Inc. | 42, 9 | 42-Application service provider, namely, hosting, managing,<br>developing, and maintaining applications, software, and web<br>sites, in the fields of personal\ productivity, device and data<br>content security, wireless communication, mobile information<br>access, and remote data management for wireless delivery of<br>content to computers, laptops and mobile electronic devices.<br>9-Electronic devices for computer network and data security;<br>computer network and data security software; computer,<br>laptop and mobile electronic device security software; data<br>content security software. |
| IBOS-TM-0001-IBOSS<br>GB2-C | 009013399035 | Oct 23, 2014 009013399035 | Dec 22, 2016 United<br>Kingdom | Registered | IBoss, Inc. | 42, 9 | 42-Application service provider, namely, hosting, managing,<br>developing, and maintaining applications, software, and web<br>sites, in the fields of personal\ productivity, device and data<br>content security, wireless communication, mobile information<br>access, and remote data management for wireless delivery of<br>content to computers, laptops and mobile electronic devices.<br>9-Electronic devices for computer network and data security;<br>computer network and data security software; computer,<br>laptop and mobile electronic device security software; data<br>content security software. |
| IBOS-TM-0001-IBOSS<br>MX1   | 1541254      | Oct 23, 2014 1579832      | Oct 12, 2015 Mexico            | Registered | IBoss, Inc. | 9     | 9-Electronic devices for computer network and data security;<br>computer network and data security software; computer,<br>laptop and mobile electronic<br>device security software; data content security software  |

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| IBOS-TM-0001-IBOSS<br>AUI | 1725131 | Apr 7, 2015 1266662 | Apr 7, 2015 Australia                      | Registered | IBoss, Inc. | 9     |
| IBOS-TM-0001-IBOSS<br>WO1 | 1266662 | Apr 7, 2015 1266662 | Apr 7, 2015 International<br>Bureau (WIPO) | Registered | IBoss, Inc. | 42, 9 |

9-Computer network and data security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; computer, laptop, and mobile electronic device security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; data-content security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security

42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and websites in the fields of device and data-content security for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security.

9-Electronic devices for computer network and data security, namely, computer servers, for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; computer network and data security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; computer, laptop, and mobile electronic device security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; data-content security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security.

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| IBOS-TM-0001-IBOSS<br>CN1 | 19318634          | Mar 16, 2016                      | China                             | Pending                   | 42    |
| IBOS-TM-0001-IBOSS<br>GB1 | UK000033788<br>25 | Feb 27, 2019<br>UK000033788<br>25 | Jul 19, 2019<br>United<br>Kingdom | Registered<br>IBoss, Inc. | 42, 9 |

42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and websites in the fields of device and data-content security for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security

42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and websites in the fields of device and data-content security for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security

9-Electronic devices for computer network and data security, namely, computer servers, for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; computer network and data security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; computer, laptop, and mobile electronic device security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; data-content security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security

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| IBOS-TM-0004-IBOSS Design | UK000033788 | Feb 27, 2019 | UK000033788 | Jul 19, 2019 | United Kingdom | Registered | IBoss, Inc. | 42, 9 |
| GB1                       | 58          |              | 58          |              |                |            |             |       |

42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and websites in the fields of device and data-content security for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security

9-Electronic devices for computer network and data security, namely, computer servers, for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; computer network and data security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; computer, laptop, and mobile electronic device security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; data-content security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security

IBOS-TM-0004-IBOSS Design 018033655 Mar 8, 2019 018033655 Sep 3, 2019 European Union Registered iBoss, Inc. 42, 9

42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and websites in the fields of device and data-content security for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security

9-Electronic devices for computer network and data security, namely, computer servers, for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; computer network and data security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; computer, laptop, and mobile electronic device security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; data-content security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security



IBOS-TM-0004-IBOSS Design 009018033655 Mar 8, 2019 009018033655 Sep 3, 2019 United Kingdom Registered iBoss, Inc. 42, 9 GB1-C

42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and websites in the fields of device and data-content security for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security

9-Electronic devices for computer network and data security, namely, computer servers, for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; computer network and data security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; computer, laptop, and mobile electronic device security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; data-content security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security

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| IBOS-TM-0004-IBOSS Design<br>CA1 | 1951571 | Mar 14, 2019 | Canada | Pending | 42, 9 | 42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and websites in the fields of device and data-content security for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security<br>9-Electronic devices for computer network and data security, namely, computer servers, for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; computer network and data security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; computer, laptop, and mobile electronic device security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; data-content security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security |
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| IBOS-TM-0004-<br>US1 | IBOSS Design<br>(color) | 86915365 | Feb 22, 2016 | 5072006 | Nov 1, 2016 | United States<br>of America | Registered | IBoss, Inc. | 42, 9 | 42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and websites in the fields of device and data-content security for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security   |
| IBOS-TM-0004-<br>CN2 | IBOSS<br>Design(C 42)   | 19318632 | Mar 16, 2016 |         |             | China                       | Abandoned  |             | 42    | 42-Electronic devices for computer network and data security, namely, computer servers, for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; computer network and data security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; computer, laptop, and mobile electronic device security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; data-content security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security |

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| IBOS-TM-0004-IBOSS<br>CN1 | Design(IC 9) | 19318633 | Mar 16, 2016 | 19318633 | May 7, 2018  | China                       | Registered | IBoss, Inc. | 9     |
| IBOS-TM-0001-IBOSS<br>US1 |              | 86260188 | Apr 23, 2014 | 4792906  | Aug 18, 2015 | United States<br>of America | Registered | IBoss, Inc. | 42, 9 |

9-apparatus to check stamping mail; mechanism for coin apparatus; hemline markers; holograms; dictating machines; voting machines; facsimile machines; weighing apparatus and instruments; measures; audio and video receivers; optical apparatus and instruments; printed circuits; remote control apparatus; electric installations for the remote control of industrial operations; lightning conductors; electrolyzers; fire extinguishing apparatus; X-ray apparatus not for medical purposes; protection devices for personal use against accidents; cinematographic film, exposed; decorative magnets; egg-candlers; dog whistles; electrified fences; portable remote-control car stopper; electrical clothing

42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and websites in the fields of device and data-content security for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; computer network and data security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; computer, laptop, and mobile threats to a network's security; computer, laptop, and mobile electronic device security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; data-content security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security

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| IBOS-TM-0004- IBoss, Inc. v. ITO1<br>Davide Castri gnano (IDOS design) | Italy                                | Open       | IBoss, Inc. |       |
| IBOS-TM-0004- IBoss, Inc. v. ITO2<br>Davide Castri gnano (IDOS)        | Italy                                | Open       | IBoss, Inc. |       |
| IBOS-TM-0001- IBoss, Inc. v. CAC1<br>Waystream AB                      | Canada                               | Open       |             |       |
| IBOS-TM-0001- IBoss, Inc. v. EMO1<br>FRIEDRICHSHA FEN AG (IMBOS)       | European Union                       | Open       | IBoss, Inc. |       |
| IBOS-TM-0005- IBOSSCONNEC US1<br>T                                     | Oct 4, 2016 United States of America | Registered | IBoss, Inc. | 42, 9 |

42-Software as a service (SaaS) services featuring software for use in the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity in the fields of device and data-content security 9-Downloadable computer network and data security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; computer, laptop, and mobile electronic device security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; data-content security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security

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|------------------------|-------------|--------------|--------------|--------------|-------------|-------------------|------------|-------------|-------|--|
| IBOS-TM-0005-<br>EMI   | IBOSSCONNEC | 015288608    | Mar 29, 2016 | 015288608    | Aug 2, 2016 | European<br>Union | Registered | IBoss, Inc. | 42, 9 | 42-Software as a service (SaaS) services featuring software for use in the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity in the fields of device and data-content security.<br>9-Downloadable computer network and data security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; computer, laptop, and mobile electronic device security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security. |
| IBOS-TM-0005-<br>GB1-C | IBOSSCONNEC | 009015288608 | Mar 29, 2016 | 009015288608 | Aug 2, 2016 | United<br>Kingdom | Registered | IBoss, Inc. | 42, 9 | 42-Software as a service (SaaS) services featuring software for use in the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity in the fields of device and data-content security.<br>9-Downloadable computer network and data security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security; computer, laptop, and mobile electronic device security software for the defense, prevention, detection, monitoring, and quarantining of unauthorized and/or malicious content or activity to prevent data loss and/or threats to a network's security. |

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|-----------------------------------|------------|--------------|------------|--------------|-----------------------------|------------|-------------|----|---|
| IBOS-TM-0002-<br>US1<br>(IC 42)   | 86015529   | Jul 19, 2013 | 4504679    | Apr 1, 2014  | United States<br>of America | Registered | IBoss, Inc. | 42 | 42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and web sites, in the fields of personal productivity, wireless communication, mobile information access, and remote data management for wireless delivery of content to handheld computers, laptops and mobile electronic devices  |
| IBOS-TM-0002-<br>CN1<br>(IC 42)   | 1195811    | Jan 13, 2014 | 1195811    | Jan 13, 2014 | China                       | Registered | IBoss, Inc. | 42 | 42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and web sites, in the fields of personal productivity, wireless communication, mobile information access, and remote data management for wireless delivery of content to handheld computers, laptops and mobile electronic devices. |
| IBOS-TM-0002-<br>AU1<br>(IC 42)   | 1195811    | Jan 13, 2014 | 1195811    | Jan 13, 2014 | Australia                   | Registered | IBoss, Inc. | 42 | 42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and web sites, in the fields of personal productivity, wireless communication, mobile information access, and remote data management for wireless delivery of content to handheld computers, laptops and mobile electronic devices. |
| IBOS-TM-0002-<br>EM1<br>(IC 42)   | 1195811    | Jan 13, 2014 | 1195811    | Jan 13, 2014 | European<br>Union           | Registered | IBoss, Inc. | 42 | 42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and web sites, in the fields of personal productivity, wireless communication, mobile information access, and remote data management for wireless delivery of content to handheld computers, laptops and mobile electronic devices. |
| IBOS-TM-0002-<br>GB1-C<br>(IC 42) | 0081195811 | Jan 13, 2014 | 0081195811 | Jan 13, 2014 | United<br>Kingdom           | Registered | IBoss, Inc. | 42 | 42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and web sites, in the fields of personal productivity, wireless communication, mobile information access, and remote data management for wireless delivery of content to handheld computers, laptops and mobile electronic devices. |
| IBOS-TM-0002-<br>IN1<br>(IC 42)   | 2721027    | Jan 13, 2014 | 1195811    | Jan 13, 2014 | India                       | Registered | IBoss, Inc. | 42 | 42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and web sites, in the fields of personal productivity, wireless communication, mobile information access, and remote data management for wireless delivery of content to handheld computers, laptops and mobile electronic devices. |

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| IBOS-TM-0002- MOBILEETHER<br>MX1<br>(IC 42) | 1494678   | Jan 13, 2014 1195811   | Jan 13, 2014 Mexico                      | Registered | IBoss, Inc. | 42 | 42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and web sites, in the fields of personal productivity, wireless communication, mobile information access, and remote data management for wireless delivery of content to handheld computers, laptops and mobile electronic devices. |
| IBOS-TM-0002- MOBILEETHER<br>RU1<br>(IC 42) | 1195811   | Jan 13, 2014 1195811   | Jan 13, 2014 Russian Federation          | Registered | IBoss, Inc. | 42 | 42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and web sites, in the fields of personal productivity, wireless communication, mobile information access, and remote data management for wireless delivery of content to handheld computers, laptops and mobile electronic devices. |
| IBOS-TM-0002- MOBILEETHER<br>WO1<br>(IC 42) | 1195811   | Jan 13, 2014 1195811   | Jan 13, 2014 International Bureau (WIPO) | Registered | IBoss, Inc. | 42 | 42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and web sites, in the fields of personal productivity, wireless communication, mobile information access, and remote data management for wireless delivery of content to handheld computers, laptops and mobile electronic devices. |
| IBOS-TM-0002- MOBILEETHER<br>CA1<br>(IC 42) | 1659688   | Jan 15, 2014 TMA931088 | Mar 9, 2016 Canada                       | Registered | IBoss, Inc. | 42 | 42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and web sites, in the fields of personal productivity, wireless communication, mobile information access, and remote data management for wireless delivery of content to handheld computers, laptops and mobile electronic device   |
| IBOS-TM-0002- MOBILEETHER<br>BR1<br>(IC 42) | 840766890 | Jan 17, 2014 840766890 | Sep 26, 2017 Brazil                      | Registered | IBoss, Inc. | 42 | 42-Application service provider, namely, hosting, managing, developing, and maintaining applications, software, and web sites, in the fields of personal productivity, wireless communication, mobile information access, and remote data management for wireless delivery of content to handheld computers, laptops and mobile electronic devices  |



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|----------------------|---|----------|--------------|-----------------------------|-----------|----|---|
| IBOS-TM-0006-<br>US1 | STREAMING<br>NETWORK<br>SECURITY<br>FROM THE<br>CLOUD | 88794302 | Feb 12, 2020 | United States<br>of America | Abandoned | 42 | 42-Cloud computing featuring software for use in internet security, cybersecurity, data security and network security; software as a service (SaaS) services featuring software for use in internet security, cybersecurity, data security and network security; computer security services, namely, enforcing, restricting and controlling access privileges of users of computing resources for cloud, mobile or network resources based on assigned credentials; computer security services, namely defending, preventing, detecting, monitoring and quarantining unauthorized or malicious content or activity to prevent data loss or threats to a network's security. |
| IBOS-TM-0007-<br>US1 | STREAMING<br>NETWORK<br>SECURITY<br>FROM THE<br>CLOUD | 88794306 | Feb 12, 2020 | United States<br>of America | Abandoned | 42 | 42-Cloud computing featuring software for use in internet security, cybersecurity, data security and network security; software as a service (SaaS) services featuring software for use in internet security, cybersecurity, data security and network security; computer security services, namely, enforcing, restricting and controlling access privileges of users of computing resources for cloud, mobile or network resources based on assigned credentials; computer security services, namely defending, preventing, detecting, monitoring and quarantining unauthorized or malicious content or activity to prevent data loss or threats to a network's security. |

48 results displayed.