

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM614778

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
IBOSS, INC.		12/15/2020	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	Silicon Valley Bank		
Street Address:	3003 TASMAN DRIVE, HF 150		
City:	SANTA CLARA		
State/Country:	CALIFORNIA		
Postal Code:	95054		
Entity Type:	Corporation: CALIFORNIA		
PROPERTY NUMBERS Total: 8			
Property Type	Number	Word Mark	
Registration Number:	4793493	FIRESPHERE	
Registration Number:	4807013	FIRESPHERE	
Registration Number:	5054725	IBOSSCONNECT	
Registration Number:	5072006	IBOSS	
Registration Number:	4792906	IBOSS	
Registration Number:	4504679	MOBILEETHER	
Serial Number:	88794302	STREAM NETWORK SECURITY FROM THE CLOUD	
Serial Number:	88794306	STREAMING NETWORK SECURITY FROM THE CLOU	
CORRESPONDENCE DATA			
Fax Number:	8004947512		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>			
Phone:	202-370-4756		
Email:	ipteam@cogencyglobal.com		
Correspondent Name:	Jay daSilva		
Address Line 1:	1025 Vermont Ave NW, Suite 1130		
Address Line 2:	COGENCY GLOBAL INC.		
Address Line 4:	Washington, D.C. 20005		
ATTORNEY DOCKET NUMBER:	1303747 TM		
NAME OF SUBMITTER:	Alicia Vellante		

OP \$215.00 4793493

SIGNATURE:	/Alicia Vellante/
DATE SIGNED:	12/16/2020
Total Attachments: 35 source=Execution_Version_-_IPSA_-_iboss#page1.tif source=Execution_Version_-_IPSA_-_iboss#page2.tif source=Execution_Version_-_IPSA_-_iboss#page3.tif source=Execution_Version_-_IPSA_-_iboss#page4.tif source=Execution_Version_-_IPSA_-_iboss#page5.tif source=Execution_Version_-_IPSA_-_iboss#page6.tif source=Execution_Version_-_IPSA_-_iboss#page7.tif source=Execution_Version_-_IPSA_-_iboss#page8.tif source=Execution_Version_-_IPSA_-_iboss#page9.tif source=Execution_Version_-_IPSA_-_iboss#page10.tif source=Execution_Version_-_IPSA_-_iboss#page11.tif source=Execution_Version_-_IPSA_-_iboss#page12.tif source=Execution_Version_-_IPSA_-_iboss#page13.tif source=Execution_Version_-_IPSA_-_iboss#page14.tif source=Execution_Version_-_IPSA_-_iboss#page15.tif source=Execution_Version_-_IPSA_-_iboss#page16.tif source=Execution_Version_-_IPSA_-_iboss#page17.tif source=Execution_Version_-_IPSA_-_iboss#page18.tif source=Execution_Version_-_IPSA_-_iboss#page19.tif source=Execution_Version_-_IPSA_-_iboss#page20.tif source=Execution_Version_-_IPSA_-_iboss#page21.tif source=Execution_Version_-_IPSA_-_iboss#page22.tif source=Execution_Version_-_IPSA_-_iboss#page23.tif source=Execution_Version_-_IPSA_-_iboss#page24.tif source=Execution_Version_-_IPSA_-_iboss#page25.tif source=Execution_Version_-_IPSA_-_iboss#page26.tif source=Execution_Version_-_IPSA_-_iboss#page27.tif source=Execution_Version_-_IPSA_-_iboss#page28.tif source=Execution_Version_-_IPSA_-_iboss#page29.tif source=Execution_Version_-_IPSA_-_iboss#page30.tif source=Execution_Version_-_IPSA_-_iboss#page31.tif source=Execution_Version_-_IPSA_-_iboss#page32.tif source=Execution_Version_-_IPSA_-_iboss#page33.tif source=Execution_Version_-_IPSA_-_iboss#page34.tif source=Execution_Version_-_IPSA_-_iboss#page35.tif	

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this “**Agreement**”) is entered into as of December 15, 2020, by and between **SILICON VALLEY BANK**, a California corporation, with a loan production office located at 275 Grove Street, Suite 2-200, Newton, Massachusetts 02466 (“**Bank**”) and **IBOSS, INC.**, a Delaware corporation, with its principal place of business located at 101 Federal Street, 23rd Floor, Boston, Massachusetts 02110 (“**Grantor**”).

RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodations to Grantor (the “**Loans**”) in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor dated as of June 28, 2019, as amended by a certain First Loan Modification Agreement dated as of the date hereof (as the same may be further amended, modified, supplemented and/or restated from time to time, the “**Loan Agreement**”; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in its Copyrights, Trademarks, Patents, and Mask Works (as each term is described below) to secure the obligations of Grantor to Bank.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor’s right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of all obligations of Grantor to Bank, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

1. Grant of Security Interest. To secure all of Grantor’s obligations to Bank, Grantor grants and pledges to Bank a security interest in all of Grantor’s right, title and interest in, to and under its intellectual property (all of which shall collectively be called the “**Intellectual Property Collateral**”), including, without limitation, the following:

(a) Any and all copyright rights, copyright applications, copyright registrations and like protections in each work of authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those set forth on Exhibit A attached hereto (collectively, the “**Copyrights**”);

(b) Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;

(c) Any and all design rights that may be available to Grantor now or hereafter existing, created, acquired or held;

(d) All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the “**Patents**”);

(e) Any trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks (excluding any “intent-to-use” trademarks at all times prior to the first use thereof, whether by the actual use thereof in commerce, the recording of a statement of use with the United States Patent and Trademark Office or otherwise, but only to the extent the granting of a security interest in such “intent-to-use” trademarks would be contrary to applicable law), including without limitation those set forth on Exhibit C attached hereto (collectively, the “**Trademarks**”);

(f) All mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including, without limitation those set forth on Exhibit D attached hereto (collectively, the “**Mask Works**”);

(g) Any and all claims for damages by way of past, present and future infringements of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) All licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

2. Recordation. Grantor authorizes the Commissioner for Patents, the Commissioner for Trademarks and the Register of Copyrights and any other government officials to record and register this Agreement upon request by Bank.

3. Authorization. Grantor hereby authorizes Bank to (a) modify this Agreement unilaterally by amending the exhibits to this Agreement to include any Intellectual Property Collateral which Grantor obtains subsequent to the date of this Agreement, and (b) file a duplicate original of this Agreement containing amended exhibits reflecting such new Intellectual Property Collateral.

4. Loan Documents. This Agreement has been entered into pursuant to and in conjunction with the Loan Agreement, which is hereby incorporated by reference. The provisions of the Loan Agreement shall supersede and control over any conflicting or inconsistent provision herein. The rights and remedies of Bank with respect to the Intellectual Property Collateral are as provided by the Loan Agreement and related documents, and nothing in this Agreement shall be deemed to limit such rights and remedies.

5. Execution in Counterparts. This Agreement may be executed in counterparts (and by different parties hereto in different counterparts), each of which shall constitute an original, but all of

which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page to this Agreement by facsimile or in electronic (i.e., "pdf" or "tif" format) shall be effective as delivery of a manually executed counterpart of this Agreement.

6. Successors and Assigns. This Agreement will be binding on and shall inure to the benefit of the parties hereto and their respective successors and permitted assigns.

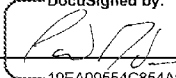
7. Governing Law. This Agreement and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Agreement and the transactions contemplated hereby and thereby shall be governed by, and construed in accordance with, the laws of the United States and the Commonwealth of Massachusetts, without giving effect to any choice or conflict of law provision or rule (whether of the Commonwealth of Massachusetts or any other jurisdiction).

[Signature page follows.]

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

IBOSS, INC.

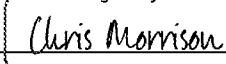
DocuSigned by:
By: _____
19EA09554C854A9...

Name: Paul Martini

Title: Chief Executive Officer and Chief Technology Officer

BANK:

SILICON VALLEY BANK

DocuSigned by:
By: _____
35B7F24FAB5C4ED...

Name: Chris Morrison

Title: Vice President

EXHIBIT A

Copyrights

None.

Exhibit B

Patents

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
THRESHOLD-BASED COMPUTER VIDEO OUTPUT RECORDING APPLICATION	6/9/2009	12/481,331	12/09/2010	US 2010-0313229 AI	9/16/2014	8,837,902	UNITED STATES	iboss, Inc.
RESTRICTING COMMUNICATION OVER AN ENCRYPTED NETWORK CONNECTION TO INTERNET DOMAINS THAT SHARE COMMON IP ADDRESSES AND SHARED SSL CERTIFICATES	4/24/2012	13/455,116	10/24/2013	US-2013-0283385- AI	4/12/2016	9,313,205	UNITED STATES	iboss, Inc.
RESTRICTING COMMUNICATION OVER AN ENCRYPTED NETWORK CONNECTION TO INTERNET DOMAINS THAT SHARE COMMON IP ADDRESSES AND SHARED SSL CERTIFICATES	4/8/2016	15/094,900	08/04/2016	US-2016-0226824- AI	1/3/2017	9,537,823	UNITED STATES	iboss, Inc.
RESTRICTING COMMUNICATION OVER AN ENCRYPTED NETWORK CONNECTION TO INTERNET DOMAINS THAT SHARE COMMON IP ADDRESSES AND	5/17/2018	15/982,753	09/20/2018	US-2018-270192- AI	4/9/2019	10,257,157	UNITED STATES	iboss, Inc.

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
SHARED SSL CERTIFICATES								
RESTRICTING COMMUNICATION OVER AN ENCRYPTED NETWORK CONNECTION TO INTERNET DOMAINS THAT SHARE COMMON IP ADDRESSES AND SHARED SSL CERTIFICATES	4/24/2013	13782033.8		2842048	11/14/2018	6.02013E+11	GERMANY	iboss, Inc.
RESTRICTING COMMUNICATION OVER AN ENCRYPTED NETWORK CONNECTION TO INTERNET DOMAINS THAT SHARE COMMON IP ADDRESSES AND SHARED SSL CERTIFICATES	4/24/2013	13782033.8	03/04/2015	2842048	11/14/2018	2842048	EUROPEAN PATENT CONVENTION	iboss, Inc.
RESTRICTING COMMUNICATION OVER AN ENCRYPTED NETWORK CONNECTION TO INTERNET DOMAINS THAT SHARE COMMON IP ADDRESSES AND SHARED SSL CERTIFICATES	4/24/2013	13782033.8			11/14/2018	2842048	FRANCE	iboss, Inc.
RESTRICTING COMMUNICATION OVER AN ENCRYPTED NETWORK CONNECTION TO INTERNET DOMAINS THAT SHARE COMMON IP ADDRESSES AND SHARED SSL CERTIFICATES	4/24/2013	13782033.8			11/14/2018	2842048	UNITED KINGDOM	iboss, Inc.

ACTIVE/105309842.1

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
NETWORK CONNECTION TO INTERNET DOMAINS THAT SHARE COMMON IP ADDRESSES AND SHARED SSL CERTIFICATES								
PRIORITIZING CONTENT CLASSIFICATION CATEGORIES	5/16/2013	13/896,233			10/7/2014	8,856,865	UNITED STATES	iboss, Inc.
CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION	5/30/2013	13/906,238			8/26/2014	8,819,829	UNITED STATES	iboss, Inc.
CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION	5/12/2014	2914046	12/04/2014		3/7/2017	2914046	CANADA	iboss, Inc.
ALLOCATING A POOL OF SHARED BANDWIDTH	4/18/2013	13/865,920			6/10/2014	8,750,239	UNITED STATES	iboss, Inc.
ALLOCATING A POOL OF SHARED BANDWIDTH	4/28/2014	14/263,402	10/23/2014	US-2014-0317295-A1	3/3/2015	8,971,282	UNITED STATES	iboss, Inc.
ALLOCATING A POOL OF SHARED BANDWIDTH	12/23/2014	14/580,462	04/23/2015	US-2015-0113147-A1	11/24/2015	9,197,579	UNITED STATES	iboss, Inc.

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	5/8/2013	13,890,146	11/13/2014	US-2014-0337613-A1	4/28/2015	9,021,575	UNITED STATES	iboss, Inc.
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	4/8/2015	14,682,019	07/30/2015	US-2015-0215286-A1	9/29/2015	9,148,407	UNITED STATES	iboss, Inc.
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	9/3/2015	14,845,209	12/31/2015	US-2015-0381584-A1	3/22/2016	9,294,450	UNITED STATES	iboss, Inc.
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	3/10/2016	15,066,846	07/07/2016	US-2016-0197890-A1	10/3/2017	9,781,082	UNITED STATES	iboss, Inc.
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	5/6/2014	2912018			1/7/2020	2912018	CANADA	iboss, Inc.
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	5/6/2014	14,728,054.9		2995060	12/11/2019	6,020,14E+11	GERMANY	iboss, Inc.
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	5/6/2014	14,728,054.9	03/16/2016	2995060	12/11/2019	2995060	EUROPEAN PATENT CONVENTION	iboss, Inc.

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	5/6/2014	14728054.9			12/11/2019	2995060	FRANCE	iboss, Inc.
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	5/6/2014	14728054.9			12/11/2019	2995060	UNITED KINGDOM	iboss, Inc.
CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION	5/30/2013	13/906,252			5/27/2014	8,739,286	UNITED STATES	iboss, Inc.
CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION	5/29/2014	2,914,186			3/7/2017	2,914,186	CANADA	iboss, Inc.
CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION	5/29/2014	14733876.8		3005658	10/30/2019	6,020,4E+11	GERMANY	iboss, Inc.
CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION	5/29/2014	14733876.8	04/13/2016	3005658	10/30/2019	3005658	EUROPEAN PATENT CONVENTION	iboss, Inc.
CONTROLLING NETWORK ACCESS BASED ON	5/29/2014	14733876.8			10/30/2019	3005658	FRANCE	iboss, Inc.

ACTIVE/105309842.1

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
APPLICATION DETECTION								
CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION	5/29/2014	14733876.8			10/30/2019	3005658	UNITED KINGDOM	iboss, Inc.
DESTINATION-SPECIFIC NETWORK MANAGEMENT	5/17/2013	13/897,325			9/16/2014	8,839,425	UNITED STATES	iboss, Inc.
PROVIDING SINGLE SIGN-ON FOR WIRELESS DEVICES	5/17/2013	13/897,333			12/17/2013	8,613,069	UNITED STATES	iboss, Inc.
PROVIDING SINGLE SIGN-ON FOR WIRELESS DEVICES	12/11/2013	14/103,736			9/16/2014	8,839,396	UNITED STATES	iboss, Inc.
PROVIDING SINGLE SIGN-ON FOR WIRELESS DEVICES	5/15/2014	2,912,774			5/14/2019	2,912,774	CANADA	iboss, Inc.
PROVIDING SINGLE SIGN-ON FOR WIRELESS DEVICES	5/15/2014	14733781		2997711	3/20/2019	6,020,14E+11	GERMANY	iboss, Inc.
PROVIDING SINGLE SIGN-ON FOR WIRELESS DEVICES	5/15/2014	14733781	03/23/2016	2997711	3/20/2019	2997711	EUROPEAN PATENT CONVENTION	iboss, Inc.

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
PROVIDING SINGLE SIGN-ON FOR WIRELESS DEVICES	5/15/2014	14733781			3/20/2019	2997711	FRANCE	iboss, Inc.
PROVIDING SINGLE SIGN-ON FOR WIRELESS DEVICES	5/15/2014	14733781			3/20/2019	2997711	UNITED KINGDOM	iboss, Inc.
RECORDING ACTIVITY- TRIGGERED COMPUTER VIDEO OUTPUT	8/1/2013	13/957,329	11/28/2013	US 2013-0315566 AI	3/17/2015	8,984,585	UNITED STATES	iboss, Inc.
RECORDING ACTIVITY- TRIGGERED COMPUTER VIDEO OUTPUT	3/16/2015	14/659,548	09/17/2015	US 2015-0261953 AI	6/28/2016	9,378,365	UNITED STATES	iboss, Inc.
CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION	5/30/2013	13/906,281			5/13/2014	8,726,390	UNITED STATES	iboss, Inc.
CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION	5/29/2014	2914048			2/28/2017	2914048	CANADA	iboss, Inc.
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	4/18/2013	13/865,850			5/27/2014	8,739,243	UNITED STATES	iboss, Inc.
SELECTIVELY PERFORMING MAN IN	4/30/2014	14/265,540	10/23/2014	US-2014-0317397-AI	7/2/2019	10,341,357	UNITED STATES	iboss, Inc.

ACTIVE/105309842.1

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
THE MIDDLE DECRYPTION								
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	4/15/2014	2909799			2/28/2017	2909799	CANADA	iboss, Inc.
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	4/15/2014	14725865.1			3/27/2019	6,02014E+11	GERMANY	
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	4/15/2014	14725865.1	03/02/2016	2989769	3/27/2019	2989769	EUROPEAN PATENT CONVENTION	iboss, Inc.
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	4/15/2014	14725865.1			3/27/2019	2989769	FRANCE	iboss, Inc.
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	4/15/2014	14725865.1			3/27/2019	2989769	UNITED KINGDOM	iboss, Inc.
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	5/23/2013	13/901,515	11/27/2014	US-2014-0351573-A1	10/13/2015	9,160,718	UNITED STATES	iboss, Inc.
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	9/3/2015	14/845,169	12/31/2015	US-2015-0381583-A1	11/1/2016	9,485,228	UNITED STATES	iboss, Inc.

ACTIVE/105309842.1

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
THE MIDDLE DECRYPTION								
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	10/27/2016	15/336,639	02/16/2017	US-2017-0048196-A1	8/29/2017	9,749,292	UNITED STATES	iboss, Inc.
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	5/22/2014	2912608			7/10/2018	2912608	CANADA	iboss, Inc.
REFERER-SPECIFIC NETWORK MANAGEMENT	5/30/2013	13/906,265			5/20/2014	8,732,828	UNITED STATES	iboss, Inc.
CONTENT CACHING	8/5/2013	13/959,613	02/05/2015	US-2015-0039713-A1	3/3/2015	8,972,513	UNITED STATES	iboss, Inc.
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	8/14/2013	13/966,900	02/19/2015	US-2015-0052345-A1	4/14/2015	9,009,461	UNITED STATES	iboss, Inc.
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	4/9/2015	14/682,703	07/30/2015	US-2015-0215296-A1	4/11/2017	9,621,517	UNITED STATES	iboss, Inc.
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	9/3/2015	14/845,152	12/31/2015	US-2015-0381570-A1	12/26/2017	9,853,943	UNITED STATES	iboss, Inc.

ACTIVE/105309842.1

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	8/14/2014	2921129			10/4/2016	2921129	CANADA	iboss, Inc.
LOCATION BASED NETWORK USAGE POLICIES	7/17/2013	13/944,585			5/27/2014	8,738,791	UNITED STATES	iboss, Inc.
LOCATION BASED NETWORK USAGE POLICIES	5/1/2014	14/267,315	01/22/2015	US-2015-0026240-A1	6/2/2015	9,049,231	UNITED STATES	iboss, Inc.
LOCATION BASED NETWORK USAGE POLICIES	5/8/2015	14/708,113	08/27/2015	US-2015-0244822-A1	12/29/2015	9,225,790	UNITED STATES	iboss, Inc.
LOCATION BASED NETWORK USAGE POLICIES	5/15/2014	2912703			11/28/2017	2912703	CANADA	iboss, Inc.
DEVICE AUTHENTICATION USING PROXY AUTOMATIC CONFIGURATION SCRIPT REQUESTS	7/25/2013	13/951,359	01/29/2015	US-2015-0033298-A1	7/28/2015	9,092,613	UNITED STATES	iboss, Inc.
DEVICE AUTHENTICATION USING PROXY AUTOMATIC CONFIGURATION SCRIPT REQUESTS	7/27/2015	14/810,356	11/19/2015	US-2015-0334103-A1	1/10/2017	9,544,290	UNITED STATES	iboss, Inc.

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
DEVICE AUTHENTICATION USING DEVICE-SPECIFIC PROXY ADDRESSES	10/23/2013	14/061,591			11/18/2014	8,893,255	UNITED STATES	iboss, Inc.
DETECTING PROFILE CHANGES BASED ON DEVICE BEHAVIOR	8/5/2013	13/959,609			2/4/2014	8,645,535	UNITED STATES	iboss, Inc.
LOAD BALANCING NETWORK ADAPTER	7/25/2013	13/951,392	01/29/2015	US-2015-0029850-A1	3/10/2015	8,976,666	UNITED STATES	iboss, Inc.
DETERMINING DEVICE LOCATION BASED ON DOMAIN NAME RESPONSE	2/19/2014	14/184,592			3/24/2015	8,990,425	UNITED STATES	iboss, Inc.
CONTENT CACHING	8/5/2013	13/959,561			7/22/2014	8,788,703	UNITED STATES	iboss, Inc.
CONTENT CACHING	4/30/2014	14/265,997			12/16/2014	8,914,542	UNITED STATES	iboss, Inc.
MOBILE DEVICE MANAGEMENT PROFILE DISTRIBUTION	9/17/2013	14/029,639			12/9/2014	8,910,263	UNITED STATES	iboss, Inc.
MOBILE DEVICE MANAGEMENT PROFILE DISTRIBUTION	12/8/2014	14/563,767	04/02/2015	US-2015-0096005-A1	10/13/2015	9,160,751	UNITED STATES	iboss, Inc.
SWITCHING BETWEEN NETWORKS	8/8/2013	13/962,832	02/12/2015	US-2015-0046588-A1	6/28/2016	9,380,077	UNITED STATES	iboss, Inc.

ACTIVE/105309842.1

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
SWITCHING BETWEEN NETWORKS	6/24/2016	15192,891	10/20/2016	US-2016-0308850-A1	2/5/2019	10,200,354	UNITED STATES	iboss, Inc.
MANAGE ENCRYPTED NETWORK TRAFFIC USING SPOOFED ADDRESSES	11/20/2013	14085,661	05/21/2015	US-2015-0143110-A1	7/5/2016	9,386,038	UNITED STATES	iboss, Inc.
MANAGE ENCRYPTED NETWORK TRAFFIC USING SPOOFED ADDRESSES	7/1/2016	15201,260	10/27/2016	US-2016-0315919-A1	7/4/2017	9,699,151	UNITED STATES	iboss, Inc.
MANAGE ENCRYPTED NETWORK TRAFFIC USING SPOOFED ADDRESSES	11/20/2014	2,931,230			2/7/2017	2,931,230	CANADA	iboss, Inc.
MANAGE ENCRYPTED NETWORK TRAFFIC USING SPOOFED ADDRESSES	11/20/2014	14815997.3		3072278	8/28/2019	6,02014E+11	GERMANY	iboss, Inc.
MANAGE ENCRYPTED NETWORK TRAFFIC USING SPOOFED ADDRESSES	11/20/2014	14815997.3	09/28/2016	3072278	8/28/2019	3072278	EUROPEAN PATENT CONVENTION	iboss, Inc.
MANAGE ENCRYPTED NETWORK TRAFFIC USING SPOOFED ADDRESSES	11/20/2014	14815997.3			8/28/2019	3072278	FRANCE	iboss, Inc.
MANAGE ENCRYPTED NETWORK TRAFFIC	11/20/2014	14815997.3			8/28/2019	3072278	UNITED KINGDOM	iboss, Inc.

ACTIVE/105309842.1

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
USING SPOOFED ADDRESSES								
GENERATING PROXY AUTOMATIC CONFIGURATION SCRIPTS	4/21/2014	14/257,912	10/22/2015	US-2015-0301982-A1	12/1/2015	9,201,840	UNITED STATES	iboss, Inc.
GENERATING PROXY AUTOMATIC CONFIGURATION SCRIPTS	11/18/2015	14/944,808	03/10/2016	US-2016-0072673-A1	1/10/2017	9,544,189	UNITED STATES	iboss, Inc.
DETECTING AND MANAGING ABNORMAL DATA BEHAVIOR	2/26/2014	14/191,346	08/27/2015	US-2015-0242415-A1	11/24/2015	9,195,669	UNITED STATES	iboss, Inc.
DETECTING AND MANAGING ABNORMAL DATA BEHAVIOR	11/17/2015	14/944,057	03/10/2016	US-2016-0072848-A1	10/17/2017	9,794,291	UNITED STATES	iboss, Inc.
DETECTING AND MANAGING ABNORMAL DATA BEHAVIOR	10/5/2017	15/726,250	02/15/2018	US-2018-0048676-A1	8/21/2018	10,057,296	UNITED STATES	iboss, Inc.
DETECTING AND MANAGING ABNORMAL DATA BEHAVIOR	2/26/2015	2940874			1/29/2019	2940874	CANADA	iboss, Inc.
DETECTING AND MANAGING ABNORMAL DATA BEHAVIOR	2/26/2015	15710646.9		3111616	2/12/2020	6,02015E+11	GERMANY	iboss, Inc.

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
DETECTING AND MANAGING ABNORMAL DATA BEHAVIOR	2/26/2015	15710646.9	01/04/2017	3111616	2/12/2020	3111616	EUROPEAN PATENT CONVENTION	iboss, Inc.
DETECTING AND MANAGING ABNORMAL DATA BEHAVIOR	2/26/2015	15710646.9			2/12/2020	3111616	FRANCE	iboss, Inc.
DETECTING AND MANAGING ABNORMAL DATA BEHAVIOR	2/26/2015	15710646.9			2/12/2020	3111616	UNITED KINGDOM	iboss, Inc.
APPLYING POLICIES TO SUBNETS	3/6/2014	14/199,616			3/17/2015	8,984,149	UNITED STATES	iboss, Inc.
APPLYING POLICIES TO SUBNETS	3/16/2015	14/659,357	09/10/2015	US-2015-0256416-A1	3/15/2016	9,288,119	UNITED STATES	iboss, Inc.
APPLYING POLICIES TO SUBNETS	2/9/2016	15/019,727	06/09/2016	US-2016-0164737-A1	10/4/2016	9,461,889	UNITED STATES	iboss, Inc.
APPLYING POLICIES TO SUBNETS	10/3/2016	15/284,084	02/09/2017	US-2017-0041193-A1	11/7/2017	9,813,298	UNITED STATES	iboss, Inc.
NETWORK NOTIFICATIONS	3/26/2014	14/226,582	10/01/2015	US-2015-0281275-A1	9/8/2015	9,130,996	UNITED STATES	iboss, Inc.
NETWORK NOTIFICATIONS	7/30/2015	14/813,919	11/26/2015	US-2015-0341228-A1	1/3/2017	9,537,721	UNITED STATES	iboss, Inc.
NETWORK NOTIFICATIONS	3/25/2015	2943559			12/19/2017	2943559	CANADA	iboss, Inc.

ACTIVE/105309842.1

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
NETWORK NOTIFICATIONS	3/25/2015	15768345.9		3123695	12/25/2019	6,02015E+11	GERMANY	iboss, Inc.
NETWORK NOTIFICATIONS	3/25/2015	15768345.9	02/01/2017	3123695	12/25/2019	3123695	EUROPEAN PATENT CONVENTION	iboss, Inc.
NETWORK NOTIFICATIONS	3/25/2015	15768345.9			12/25/2019	3123695	FRANCE	iboss, Inc.
NETWORK NOTIFICATIONS	3/25/2015	15768345.9			12/25/2019	3123695	UNITED KINGDOM	iboss, Inc.
MAINTAINING IP TABLES	5/16/2014	14/280,440	11/19/2015	US-2015-0334116-A1	11/15/2016	9,497,063	UNITED STATES	iboss, Inc.
MAINTAINING IP TABLES	5/16/2014	14/280,488			3/10/2015	8,977,728	UNITED STATES	iboss, Inc.
MAINTAINING IP TABLES	3/9/2015	14/642,616	11/19/2015	US-2015-0333980-A1	10/27/2015	9,172,619	UNITED STATES	iboss, Inc.
MAINTAINING IP TABLES	9/10/2015	14/850,817	01/07/2016	US-2016-0006624-A1	12/20/2016	9,525,602	UNITED STATES	iboss, Inc.
SERVING APPROVED RESOURCES	3/26/2014	14/226,645			12/2/2014	8,904,483	UNITED STATES	iboss, Inc.
SERVING APPROVED RESOURCES	3/25/2015	2943561			11/27/2018	2943561	CANADA	iboss, Inc.

TRADEMARK
REEL: 007136 FRAME: 0440

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
SERVING APPROVED RESOURCES	3/25/2015	15770154.1		3123696	5/8/2019	6,02015E+11	GERMANY	iboss, Inc.
SERVING APPROVED RESOURCES	3/25/2015	15770154.1	02/01/2017	3123696	5/8/2019	3123696	EUROPEAN PATENT CONVENTION	iboss, Inc.
SERVING APPROVED RESOURCES	3/25/2015	15770154.1			5/8/2019	3123696	FRANCE	iboss, Inc.
SERVING APPROVED RESOURCES	3/25/2015	15770154.1			5/8/2019	3123696	UNITED KINGDOM	iboss, Inc.
MANAGE ENCRYPTED NETWORK TRAFFIC USING SPOOFED ADDRESSES	3/7/2014	14/201,607	09/10/2015	US-2015-0256516-A1	3/14/2017	9,596,217	UNITED STATES	iboss, Inc.
MANAGE ENCRYPTED NETWORK TRAFFIC USING SPOOFED ADDRESSES	3/6/2015	2939978			7/14/2020	2939978	CANADA	iboss, Inc.
SOFT WEBSITE BLOCK OVERRIDE	2/24/2014	14/188,549			6/9/2015	9,055,111	UNITED STATES	iboss, Inc.
SOFT WEBSITE BLOCK OVERRIDE	6/3/2015	14/730,110	09/24/2015	US-2015-0271209-A1	10/18/2016	9,473,538	UNITED STATES	iboss, Inc.
SOFT WEBSITE BLOCK OVERRIDE	10/3/2016	15/284,297	01/26/2017	US-2017-0026419-A1	5/1/2018	9,961,113	UNITED STATES	iboss, Inc.

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
MANAGE ENCRYPTED NETWORK TRAFFIC USING DNS RESPONSES	5/16/2014	14/280,513			9/15/2015	9,137,217	UNITED STATES	iboss, Inc.
MANAGE ENCRYPTED NETWORK TRAFFIC USING DNS RESPONSES	9/8/2015	14/848,219	12/31/2015	US-2015-0381559-A1	12/20/2016	9,525,660	UNITED STATES	iboss, Inc.
MANAGE ENCRYPTED NETWORK TRAFFIC USING DNS RESPONSES	12/16/2016	15/382,392	04/06/2017	US-2017-0099271-A1	11/7/2017	9,813,394	UNITED STATES	iboss, Inc.
MANAGE ENCRYPTED NETWORK TRAFFIC USING DNS RESPONSES	11/3/2017	15/803,660	03/01/2018	US-2018-0063097-A1	8/13/2019	10,382,411	UNITED STATES	iboss, Inc.
APPLYING GROUP POLICIES	8/28/2014	14/472,302			9/1/2015	9,124,638	UNITED STATES	iboss, Inc.
APPLYING GROUP POLICIES	8/25/2015	14/835,063	07/07/2016	US-2016-0197956-A1	7/12/2016	9,390,290	UNITED STATES	iboss, Inc.
APPLYING GROUP POLICIES	7/11/2016	15/206,802	11/03/2016	US-2016-0323298-A1	7/11/2017	9,705,898	UNITED STATES	iboss, Inc.
WEB REDIRECTION FOR CACHING	9/25/2014	14/497,167	02/04/2016	US-2016-01036934-A1	1/12/2016	9,237,204	UNITED STATES	iboss, Inc.
WEB REDIRECTION FOR CACHING	9/2/2015	14/843,922	02/04/2016	US-2016-0036936-A1	2/20/2018	9,900,341	UNITED STATES	iboss, Inc.
WEB REDIRECTION FOR CACHING	7/30/2015	2956805			7/23/2019	2956805	CANADA	iboss, Inc.

ACTIVE/105309842.1

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
WEB REDIRECTION FOR CACHING	7/30/2015	15826545.4		3175364	7/15/2020	6,02015E+11	GERMANY	iboss, Inc.
WEB REDIRECTION FOR CACHING	7/30/2015	15826545.4	06/07/2017	3175364	7/15/2020	3175364	EUROPEAN PATENT CONVENTION	iboss, Inc.
WEB REDIRECTION FOR CACHING	7/30/2015	15826545.4			7/15/2020	3175364	FRANCE	iboss, Inc.
WEB REDIRECTION FOR CACHING	7/30/2015	15826545.4			7/15/2020	3175364	UNITED KINGDOM	iboss, Inc.
WEB REDIRECTION FOR CONTENT SCANNING	9/25/2014	14/497,246			7/28/2015	9,094,443	UNITED STATES	iboss, Inc.
WEB REDIRECTION FOR CONTENT SCANNING	7/27/2015	14/810,319	02/04/2016	US-2016-0036830-A1	3/28/2017	9,609,016	UNITED STATES	iboss, Inc.
WEB REDIRECTION FOR CONTENT SCANNING	3/27/2017	15/470,687	07/13/2017	US-2017-0201539-A1	2/20/2018	9,900,328	UNITED STATES	iboss, Inc.
WEB REDIRECTION FOR CONTENT SCANNING	7/30/2015	2956676			7/9/2019	2956676	CANADA	iboss, Inc.
WEB REDIRECTION FOR CONTENT FILTERING	7/29/2015	14/812,984	02/04/2016	US-2016-0036831-A1	5/16/2017	9,654,500	UNITED STATES	iboss, Inc.
WEB REDIRECTION FOR CONTENT FILTERING	7/30/2015	2956803			7/9/2019	2956803	CANADA	iboss, Inc.

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
WEB REDIRECTION FOR CONTENT FILTERING	7/30/2015	15826979.5		3175365	7/15/2020	6,02015E+11	GERMANY	iboss, Inc.
WEB REDIRECTION FOR CONTENT FILTERING	7/30/2015	15826979.5	06/07/2017	3175365	7/15/2020	3175365	EUROPEAN PATENT CONVENTION	iboss, Inc.
WEB REDIRECTION FOR CONTENT FILTERING	7/30/2015	15826979.5			7/15/2020	3175365	FRANCE	iboss, Inc.
WEB REDIRECTION FOR CONTENT FILTERING	7/30/2015	15826979.5			7/15/2020	3175365	UNITED KINGDOM	iboss, Inc.
MANAGING MULTI-CUSTOMER NETWORK TRAFFIC USING LOWER LAYER PROTOCOL ATTRIBUTES	10/16/2014	14/516,539			12/1/2015	9,203,741	UNITED STATES	iboss, Inc.
SELECTIVELY CAPTURING VIDEO IN A VIRTUAL ENVIRONMENT BASED ON APPLICATION BEHAVIOR	7/28/2015	14/811,800	01/28/2016	US-2016-0026798-A1	11/7/2017	9,811,658	UNITED STATES	iboss, Inc.
EMULATING EXPECTED NETWORK COMMUNICATIONS TO APPLICATIONS IN A VIRTUAL MACHINE ENVIRONMENT	7/28/2015	14/811,812	01/28/2016	US-2016-0026789-A1	2/27/2018	9,904,781	UNITED STATES	iboss, Inc.
NETWORK TRAFFIC MANAGEMENT USING	12/10/2014	14/566,587			8/25/2015	9,118,582	UNITED STATES	iboss, Inc.

ACTIVE/105309842.1

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
PORT NUMBER REDIRECTION								
NETWORK TRAFFIC MANAGEMENT USING PORT NUMBER REDIRECTION	5/11/2015	14/709,160			1/5/2016	9,231,857	UNITED STATES	iboss, Inc.
NETWORK TRAFFIC MANAGEMENT USING PORT NUMBER REDIRECTION	1/4/2016	14/987,486	06/16/2016	US-2016-0173632-A1	10/18/2016	9,473,586	UNITED STATES	iboss, Inc.
NETWORK TRAFFIC MANAGEMENT USING PORT NUMBER REDIRECTION	9/22/2016	15/273,534	01/12/2017	US-2017-0013078-A1	8/22/2017	9,742,859	UNITED STATES	iboss, Inc.
NETWORK TRAFFIC MANAGEMENT USING PORT NUMBER REDIRECTION	8/11/2017	15/675,480	12/21/2017	US-2017-0366635-A1	2/26/2019	10,218,807	UNITED STATES	iboss, Inc.
HIGH-RISK PROGRAM IDENTIFICATION BASED ON PROGRAM BEHAVIOR	4/27/2015	14/697,558	10/27/2016	US-2016-0314298-A1	10/10/2017	9,785,776	UNITED STATES	iboss, Inc.
MALICIOUS PROGRAM IDENTIFICATION BASED ON PROGRAM BEHAVIOR	10/6/2017	15/727,219	02/01/2018	US-2018-0032732-A1	10/29/2019	10,460,109	UNITED STATES	iboss, Inc.
SOFTWARE PROGRAM IDENTIFICATION BASED	3/10/2015	14/644,151			3/22/2016	9,294,492	UNITED STATES	iboss, Inc.

ACTIVE/105309842.1

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
ON PROGRAM BEHAVIOR								
SOFTWARE PROGRAM IDENTIFICATION BASED ON PROGRAM BEHAVIOR	3/17/2016	15/073,558	09/15/2016	US-2016-0269429-A1	12/27/2016	9,531,740	UNITED STATES	iboss, Inc.
SELECTIVELY ALTERING REFERENCES WITHIN ENCRYPTED PAGES USING MAN IN THE MIDDLE	5/3/2016	15/145,672			6/13/2017	9,680,801	UNITED STATES	iboss, Inc.
SELECTIVELY ALTERING REFERENCES WITHIN ENCRYPTED PAGES USING MAN IN THE MIDDLE	5/2/2017	17793160.7		3453152	7/8/2020	6,02017E+11	GERMANY	iboss, Inc.
SELECTIVELY ALTERING REFERENCES WITHIN ENCRYPTED PAGES USING MAN IN THE MIDDLE	5/2/2017	17793160.7	03/13/2019	3453152	7/8/2020	3453152	EUROPEAN PATENT CONVENTION	iboss, Inc.
SELECTIVELY ALTERING REFERENCES WITHIN ENCRYPTED PAGES USING MAN IN THE MIDDLE	5/2/2017	17793160.7			7/8/2020	3453152	FRANCE	iboss, Inc.
SELECTIVELY ALTERING REFERENCES WITHIN ENCRYPTED PAGES USING MAN IN THE MIDDLE	5/2/2017	17793160.7			7/8/2020	3453152	UNITED KINGDOM	iboss, Inc.

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
PAGES USING MAN IN THE MIDDLE								
SOFTWARE PROGRAM IDENTIFICATION BASED ON PROGRAM BEHAVIOR	8/4/2015	14/818,271			7/12/2016	9,390,268	UNITED STATES	iboss, Inc.
SOFTWARE PROGRAM IDENTIFICATION BASED ON PROGRAM BEHAVIOR	7/7/2016	15/204,929	02/09/2017	US-2017-0041338-A1	6/6/2017	9,674,215	UNITED STATES	iboss, Inc.
DISTRIBUTED NETWORK SECURITY SYSTEM PROVIDING ISOLATION OF CUSTOMER DATA	8/10/2016	15/233,894	02/15/2018	US-2018-0048709-A1	10/29/2019	10,462,219	UNITED STATES	iboss, Inc.
MALWARE DETECTION FOR PROXY SERVER NETWORKS	9/1/2017	17/847,650.3	07/10/2019	3507964	8/12/2020	3507964	EUROPEAN PATENT CONVENTION	iboss, Inc.
IMPLICITLY LINKING ACCESS POLICIES USING GROUP NAMES	5/6/2014	2912529			11/20/14	2912529	CANADA	iboss, Inc.
IMPLICITLY LINKING ACCESS POLICIES USING GROUP NAMES	5/6/2014	20181920.8					EUROPEAN PATENT CONVENTION	
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	5/6/2014	3,060,851					CANADA	iboss, Inc.

ACTIVE/105309842.1

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
CONTROLLING NETWORK ACCESS BASED ON APPLICATION DETECTION	5/29/2014	19205915.2	04/29/2020	3644583			EUROPEAN PATENT CONVENTION	iboss, Inc.
DEVICE-SPECIFIC AUTHENTICATION CREDENTIALS	7/2/2020	16/919,998					UNITED STATES	
SELECTIVELY PERFORMING MAN IN THE MIDDLE DECRYPTION	8/14/2014	14835847.6	06/22/2016	3033688			EUROPEAN PATENT CONVENTION	iboss, Inc.
LOCATION BASED NETWORK USAGE POLICIES	5/15/2014	19173730.3	01/15/2020	3595260			EUROPEAN PATENT CONVENTION	iboss, Inc.
MANAGE ENCRYPTED NETWORK TRAFFIC USING DNS RESPONSES	7/17/2019	16/513,899	11/28/2019	US-2019-0364026-AI			UNITED STATES	iboss, Inc.
WEB REDIRECTION FOR CONTENT SCANNING	7/30/2015	15827343.3	06/07/2017	3175366			EUROPEAN PATENT CONVENTION	iboss, Inc.
MALICIOUS PROGRAM IDENTIFICATION BASED ON PROGRAM BEHAVIOR	10/28/2019	16/666,324	02/27/2020	US-2020-0065492-AI			UNITED STATES	iboss, Inc.
SELECTIVELY ALTERING REFERENCES WITHIN ENCRYPTED	5/2/2017	3023218			11/09/2017	3023218	CANADA	iboss, Inc.

ACTIVE/105309842.1

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
PAGES USING MAN IN THE MIDDLE								
APPLYING NETWORK POLICIES TO DEVICES BASED ON THEIR CURRENT ACCESS NETWORK	11/14/2019	16/684,469	03/12/2020	US-2020-0084108-A1			UNITED STATES	iboss, Inc.
APPLYING NETWORK POLICIES TO DEVICES BASED ON THEIR CURRENT ACCESS NETWORK	5/12/2017	3023992			11/16/2017	3023992	CANADA	iboss, Inc.
APPLYING NETWORK POLICIES TO DEVICES BASED ON THEIR CURRENT ACCESS NETWORK	5/12/2017	17796996.1	03/20/2019	3456063			EUROPEAN PATENT CONVENTION	iboss, Inc.
DISTRIBUTED NETWORK SECURITY SYSTEM PROVIDING ISOLATION OF CUSTOMER DATA	10/28/2019	16/666,296	02/27/2020	US-2020-0068016-A1			UNITED STATES	iboss, Inc.
DISTRIBUTED NETWORK SECURITY SYSTEM PROVIDING ISOLATION OF CUSTOMER DATA	8/10/2017	3033111			02/15/2017	3033111	CANADA	iboss, Inc.
DISTRIBUTED NETWORK SECURITY SYSTEM PROVIDING	8/10/2017	17840304.4	06/19/2019	3497919			EUROPEAN PATENT CONVENTION	iboss, Inc.

ACTIVE/105309842.1

Intellectual Property	File Date	Serial Number	Publication Date	Publication Number	Issue Date	Patent Number	Country	Owner
ISOLATION OF CUSTOMER DATA								
MALWARE DETECTION FOR PROXY SERVER NETWORKS	9/2/2016	15/256,418	03/08/2018	US-2018-0069878-A1			UNITED STATES	iboss, Inc.
MALWARE DETECTION FOR PROXY SERVER NETWORKS	9/1/2017	3035823			03/08/2018	3035823	CANADA	iboss, Inc.
HYBRID CLOUD COMPUTING NETWORK MANAGEMENT	4/18/2019	16/388,551	10/24/2019	US-2019-0327293-A1			UNITED STATES	iboss, Inc.
HYBRID CLOUD COMPUTING NETWORK MANAGEMENT	4/18/2019	PCT/US2019/028173	10/24/2019	WO 2019/204642			WIPO	iboss, Inc.

TRADEMARK
REEL: 007136 FRAME: 0450

Exhibit C

Trademarks

Intellectual Property	Application Number	Application Date	Registration Number	Registration Date	Owner	Country	Status
FIRESPHERE (IC 42)	3403624	Apr 21, 2015	2792981	Apr 4, 2016	iboss, Inc.	Argentina	Registered
FIRESPHERE (IC 42)	909279071	Apr 22, 2015	909279071	Oct 10, 2017	iboss, Inc.	Brazil	Registered
FIRESPHERE (IC 42)	86430498	Oct 21, 2014	4793493	Aug 18, 2015	iboss, Inc.	United States of America	Registered
FIRESPHERE							
FIRESPHERE (IC 9)	909279020	Apr 21, 2015	909279020	Oct 10, 2017	iboss, Inc.	Brazil	Registered
FIRESPHERE (IC 9)	86430495	Oct 21, 2014	4807013	Sep 8, 2015	iboss, Inc.	United States of America	Registered
FIRESPHERE							
FIRESPHERE (IC 9)	1253157	Apr 20, 2015	1253157	Apr 20, 2015	iboss, Inc.	Australia	Registered
FIRESPHERE (IC 9)	1253157	Apr 20, 2015	1253157	Apr 20, 2015	iboss, Inc.	European Union	Registered
FIRESPHERE (IC 9)	1253157	Apr 20, 2015	1253157	Apr 20, 2015	iboss, Inc.	Mexico	Registered
FIRESPHERE (IC 9)	1253157	Apr 20, 2015	1253157	Apr 20, 2015	iboss, Inc.	International Bureau (WIPO)	Registered
FIRESPHERE (IC 9)	3403623	Apr 21, 2015	2792980	Apr 4, 2016	iboss, Inc.	Argentina	Registered
FIRESPHERE (IC 9, 42)	1724813	Apr 21, 2015	TMAA965027	Mar 7, 2017	iboss, Inc.	Canada	Registered

Intellectual Property	Application Number	Application Date	Registration Number	Registration Date	Owner	Country	Status
IBOSS	1699472	Oct 23, 2014			iboss, Inc.	Canada	Pending
IBOSS	013399035	Oct 23, 2014	013399035	Oct 23, 2014	iboss, Inc.	European Union	Registered
IBOSS	1541254	Oct 23, 2014	1579832	Oct 12, 2015	iboss, Inc.	Mexico	Registered
IBOSS	1725131	Apr 7, 2015	1266662	Apr 7, 2015	iboss, Inc.	Australia	Registered
IBOSS	1266662	Apr 7, 2015	1266662	Apr 7, 2015	iboss, Inc.	International Bureau (WIPO)	Registered
IBOSS	UK00003378825	Feb 27, 2019	UK00003378825	Jul 19, 2019	iboss, Inc.	United Kingdom	Registered
IBOSS CONNECT	86955662	Mar 28, 2016	5054725	Oct 4, 2016	iboss, Inc.	United States of America	Registered
	86915365	Feb 22, 2016	5072006	Nov 1, 2016	iboss, Inc.	United States of America	Registered
ibOSS							
ibOSS	UK00003378858	Feb 27, 2019	UK00003378858	Jul 19, 2019	iboss, Inc.	United Kingdom	Registered
ibOSS	018033655	Mar 8, 2019	018033655	Sep 3, 2019	iboss, Inc.	European Union	Registered
ibOSS	1951571	Mar 14, 2019			iboss, Inc.	Canada	Pending
"IBOSS Design 9)"	19318633	Mar 16, 2016	19318633	May 7, 2018	iboss, Inc.	China	Registered

Intellectual Property	Application Number	Application Date	Registration Number	Registration Date	Owner	Country	Status
iboss							
IBOSS	86260188	Apr 23, 2014	4792906	Aug 18, 2015	iboss, Inc.	United States of America	Registered
IBoss, Inc. v. Waystream AB						Canada	Open
IBOSSCONNECT	015288608	Mar 29, 2016	015288608	Aug 2, 2016	iboss, Inc.	European Union	Registered
MOBILEETHER (IC 42)	86015529	Jul 19, 2013	4504679	Apr 1, 2014	iboss, Inc.	United States of America	Registered
MOBILEETHER							
MOBILEETHER (IC 42)	1195811	Jan 13, 2014	1195811	Jan 13, 2014	iboss, Inc.	China	Registered
MOBILEETHER (IC 42)	1195811	Jan 13, 2014	1195811	Jan 13, 2014	iboss, Inc.	Australia	Registered
MOBILEETHER (IC 42)	1195811	Jan 13, 2014	1195811	Jan 13, 2014	iboss, Inc.	European Union	Registered
MOBILEETHER (IC 42)	2721027	Jan 13, 2014	1195811	Jan 13, 2014	iboss, Inc.	India	Registered
MOBILEETHER (IC 42)	1494678	Jan 13, 2014	1195811	Jan 13, 2014	iboss, Inc.	Mexico	Registered

Intellectual Property	Application Number	Application Date	Registration Number	Registration Date	Owner	Country	Status
MOBILEETHER (IC 42)	1195811	Jan 13, 2014	1195811	Jan 13, 2014	iboss, Inc.	Russian Federation	Registered
MOBILEETHER (IC 42)	1195811	Jan 13, 2014	1195811	Jan 13, 2014	iboss, Inc.	International Bureau (WIPO)	Registered
MOBILEETHER (IC 42)	1659688	Jan 15, 2014	TMA931088	Mar 9, 2016	iboss, Inc.	Canada	Registered
MOBILEETHER (IC 42)	840766890	Jan 17, 2014	840766890	Sep 26, 2017	iboss, Inc.	Brazil	Registered
STREAM NETWORK SECURITY FROM THE CLOUD	88794302	Feb 12, 2020			iboss, Inc.	United States of America	Pending
STREAMING NETWORK SECURITY FROM THE CLOUD	88794306	Feb 12, 2020			iboss, Inc.	United States of America	Pending

EXHIBIT D

Mask Works

None.

ny-2007207