

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3810050

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
SS8 NETWORKS, INC.	03/28/2016
RECEIVING PARTY DATA	
Name:	PACIFIC WESTERN BANK
Street Address:	406 BLACKWELL STREET
Internal Address:	SUITE 240
City:	DURHAM
State/Country:	NORTH CAROLINA
Postal Code:	27701
PROPERTY NUMBERS Total: 17	
Property Type	Number
Patent Number:	5058152
Patent Number:	6577865
Patent Number:	6549613
Patent Number:	5913161
Patent Number:	7133500
Patent Number:	8854372
Patent Number:	8938534
Patent Number:	8972612
Patent Number:	9058323
Patent Number:	7272210
Patent Number:	4659877
Patent Number:	4716583
Patent Number:	5623536
Application Number:	13626367
Application Number:	14262713
Application Number:	14751581
Application Number:	13022627
CORRESPONDENCE DATA	

Fax Number: (919)354-1278

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.

Phone: 919-314-3086

Email: loandocsdept@square1bank.com

Correspondent Name: PACIFIC WESTERN BANK

Address Line 1: 406 BLACKWELL STREET

Address Line 2: SUITE 240

Address Line 4: DURHAM, NORTH CAROLINA 27701

NAME OF SUBMITTER:	NICHOLAS NANCE
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SIGNATURE:	/NICHOLAS NANCE/CCD
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DATE SIGNED:	03/31/2016
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Total Attachments: 7

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT is entered into as of March 28, 2016 by and between PACIFIC WESTERN BANK, a California state chartered bank ("**Bank**") and SS8 NETWORKS, INC., a Delaware corporation ("**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 September 16, 2013 (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement).

B. Bank is willing to extend and to continue to extend financial accommodations to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks and Patents to secure the obligations of Grantor under the Loan Agreement.

C. 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 its obligations under the Loan Agreement and the other Loan Documents, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its 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 the Intellectual Property (including without limitation those Copyrights, Patents and Trademarks listed on Exhibits A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions, continuations, renewals, extensions and continuations-in-part thereof.

This security interest is granted in conjunction with the security interest granted to Bank under the Loan Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan

Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

Grantor represents and warrants that Exhibits A, B, and C attached hereto set forth any and all intellectual property rights in connection to which Grantor has registered or filed an application with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable.

SIGNATURE PAGE FOLLOWS

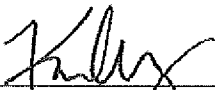
IN WITNESS WHEREOF, each party has caused this Intellectual Property Security Agreement to be duly executed by an officer thereunto duly authorized as of the first date written above.

GRANTOR:

Address of Grantor:

SS8 NETWORKS, INC.

750 Tasman Drive
Milpitas, CA 95035

By: 
Name: Kam Wong
Title: CFO

BANK:

Address of Bank:

PACIFIC WESTERN BANK

406 Blackwell Street, Suite 240
Durham, NC 27701
Attn: Loan Documentation Department

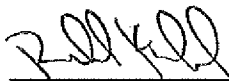
By: 
Name: RON KUCHICH
Title: SVP

EXHIBIT A
COPYRIGHTS

Description	Registration Number	Registration Date
NONE		

EXHIBIT B

PATENTS

Patent Number	Issue Date	Title
5,058,152	10/15/1991	Anonymous Interactive Telephone System Having Direction Connection Feature
6,577,865	6/10/2003	System for Intercept of Wireless Communications
6,549,613	4/15/2003	Method and Apparatus for Intercept of Wireline Communications
5,913,161	6/15/1999	Apparatus and Methods for the Lawful Intercept of Cellular Communications
7,133,500	11/15/2002	Method and Apparatus for Interception of Wireline
8,854,372	10/7/2014	CONSOLIDATION AND VISUALIZATION OF A SET OF RAW DATA CORRESPONDING TO A COMMUNICATION BETWEEN A PERSON OF INTEREST AND A CORRESPONDENT ACROSS A PLURALITY OF MEDIUMS OF COMMUNICATION
8,938,534	1/20/2015	AUTOMATIC PROVISIONING OF NEW USERS OF INTEREST FOR CAPTURE ON A COMMUNICATION NETWORK
8,972,612	3/3/2015	COLLECTING ASYMMETRIC DATA AND PROXY DATA ON A COMMUNICATION NETWORK
9,058,323	6/16/2015	SYSTEM FOR ACCESSING A SET OF COMMUNICATION AND TRANSACTION DATA ASSOCIATED WITH A USER OF INTEREST SOURCED FROM MULTIPLE DIFFERENT NETWORK CARRIERS AND FOR ENABLING MULTIPLE ANALYSTS TO INDEPENDENTLY AND CONFIDENTIALLY ACCESS THE SET OF COMMUNICATION AND TRANSACTION DATA
7272210	9/18/2007	System and method for voice organizer messenger delivery
4659877	4/21/1987	Verbal computer terminal system
4716583	12/29/1987	Verbal computer terminal system
5623536	4/22/1997	Anonymous interactive telephone system
0557539	4/7/1896	Steering Gear

PATENTS CONTINUED		
Application Number	Application Date	In Process
13,684,244 DEAD	11/23/2012	REPLICATION AND DECODING OF AN INSTANT MESSAGE DATA THROUGH A PROXY SERVER
13,626,367	9/25/2012	INTELLIGENT FEEDBACK LOOP TO ITERATIVELY REDUCE TARGET PACKET ANALYSIS
14,262,713	4/26/2014	CRYPTOGRAPHIC CURRENCY USER DIRECTORY DATA AND ENHANCED PEER-VERIFICATION LEDGER SYNTHESIS THROUGH MULTI-MODAL CRYPTOGRAPHIC KEY-ADDRESS MAPPING
14,751,581	6/26/2015	IDENTIFYING NETWORK INTRUSIONS AND ANALYTICAL INSIGHT INTO THE SAME
13022627	2/7/2011	Multi-tier integrated security system and method to enhance lawful data interception and resource allocation

EXHIBIT C
TRADEMARKS

Description	Registration/ Application Number	Registration/ Application Date
SS8 (US)	76474163 3121134	12/10/2002 7/25/2006
Xcipio (US)	76474000 DEAD	9/18/2007
CALLAGENT	1889201	4/11/1995