

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM310521

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	Security Agreement		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Overture Networks, Inc.		07/11/2014	CORPORATION: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Silicon Valley Bank		
<b>Street Address:</b>	275 Grove Street		
<b>Internal Address:</b>	Suite 2-200		
<b>City:</b>	Newton		
<b>State/Country:</b>	MASSACHUSETTS		
<b>Postal Code:</b>	02466		
<b>Entity Type:</b>	CORPORATION: CALIFORNIA		
<b>PROPERTY NUMBERS Total: 11</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	3258208	EXTENDING THE ETHERNET SERVICE EDGE	
<b>Registration Number:</b>	2846299	HATTERAS NETWORKS	
<b>Registration Number:</b>	2893700	HATTERAS NETWORKS	
<b>Serial Number:</b>	77522918	ETHERFLEX	
<b>Serial Number:</b>	77522935	ETHERFLEX OPERATING SYSTEM	
<b>Serial Number:</b>	77523231	SERVFLEX	
<b>Serial Number:</b>	77523244	SUREFLEX	
<b>Serial Number:</b>	77523858	TDRPLUS	
<b>Serial Number:</b>	77523792	BIG FLEXIBLE PIPE	
<b>Serial Number:</b>	77523216	FASTFLEX	
<b>Serial Number:</b>	77523851	UNLEASHING ETHERNET SERVICES	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	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>			
<b>Phone:</b>	202-370-4750		
<b>Email:</b>	ipteam@nationalcorp.com		
<b>Correspondent Name:</b>	Dwayne C. Houston		
<b>Address Line 1:</b>	1025 Vermont Ave NW, Suite 1130		
<b>TRADEMARK</b>			

OP \$290.00 3258208

**Address Line 2:** National Corporate Research, Ltd.  
**Address Line 4:** Washington, D.C. 20005

**ATTORNEY DOCKET NUMBER:** F150731

**NAME OF SUBMITTER:** Janet S. Wamsley

**SIGNATURE:** /Janet S. Wamsley/

**DATE SIGNED:** 07/14/2014

**Total Attachments: 7**

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**FIRST AMENDMENT TO  
AMENDED AND RESTATED INTELLECTUAL PROPERTY SECURITY AGREEMENT**

This First Amendment to Amended and Restated Intellectual Property Security Agreement (the "Amendment") is made as of July 11, 2014, by and between **OVERTURE NETWORKS, INC.**, a Delaware corporation, with its chief executive office located at 637 Davis Drive, Suite 100, Morrisville, North Carolina 27560 ("Grantor") and **SILICON VALLEY BANK**, a California corporation, with a loan production office located at 275 Grove Street, Suite 2-200, Newton, Massachusetts 02466 ("Bank") in consideration of the mutual covenants herein contained and benefits to be derived herefrom.

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

WHEREAS, Grantor executed and delivered an Amended and Restated Intellectual Property Security Agreement dated as of May 30, 2013 (as amended, the "IP Agreement") in favor of Bank, pursuant to which Grantor pledged, granted and assigned a security interest in favor of Bank in the Intellectual Property Collateral; and

WHEREAS, Grantor has acquired additional Intellectual Property Collateral and desires to hereby confirm the pledge of, and the grant of a security interest in, such additional Intellectual Property Collateral in favor of Bank.

NOW, THEREFORE, it is hereby agreed as follows:

1. Definitions. All capitalized terms herein and not otherwise defined shall have the same meaning herein as in the IP Agreement.
2. Amendment to Exhibit B. Exhibit B to the IP Agreement is hereby amended by adding thereto (in addition to all items already listed on said Exhibit B) the Intellectual Property Collateral set forth on Schedule 1 annexed hereto and incorporated herein by reference.
3. Amendment to Exhibit C. Exhibit C to the IP Agreement is hereby amended by adding thereto (in addition to all items already listed on said Exhibit C) the Intellectual Property Collateral set forth on Schedule 2 annexed hereto and incorporated herein by reference.
4. Miscellaneous:
  - a. Except as provided herein, all terms and conditions of the IP Agreement remain in full force and effect. Grantor hereby ratifies, confirms and reaffirms all of the representations, warranties and covenants therein contained.
  - b. This Amendment covers the entire understanding of the parties with respect to the matters set forth herein and supersedes all prior discussions and negotiations hereon.
  - c. Grantor shall reimburse Bank for the legal fees and expenses incurred in connection with the preparation of this Amendment.

[signature page follows]

IN WITNESS WHEREOF, the parties have hereto have caused this Amendment to be executed and their seals to be hereto affixed as of the date first above written.

"Grantor"

OVERTURE NETWORKS, INC.

By: Michael Aquino

Name: Michael Aquino

Title: PRESIDENT & CEO

"Bank"

SILICON VALLEY BANK

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

Name: \_\_\_\_\_

Title: \_\_\_\_\_

IN WITNESS WHEREOF, the parties have hereto have caused this Amendment to be executed and their seals to be hereto affixed as of the date first above written.

“Grantor”

OVERTURE NETWORKS, INC.

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

Name: \_\_\_\_\_

Title: \_\_\_\_\_

“Bank”

SILICON VALLEY BANK

By: Law 66

Name: Lauren 66

Title: Vice President

**Schedule 1**

Patents

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
Methods, Systems, and Computer Program Products for Classifying a Packet Based on a Destination Address	7,447,215	Nov. 4, 2008
System for Deriving Desired Output Frequency by Successfully Dividing Clock Signal Frequency by Ratios Obtained by Dividing Clock Signal Frequency by Common Divisor and Specific Integer	7,032,121	Apr. 18, 2006
Methods and Systems for Remote Management of Networked Devices	7,379,542	May 27, 2008
Methods, Systems, and Computer Program Products for Detecting and/or Correcting Faults in a Multiprotocol Label Switching Network by Using Redundant Paths Between Nodes	8,305,882 10/322,814 20030112749	November 6, 2012 December 18, 2002 June 19, 2003
Methods, Systems, and Computer Program Products for Communicating Using a Hybrid Physical Network	7,809,834 10/357,949	October 15, 2010
Methods, Aggregation Devices, and Computer Program Products for Distinguishing Between Sub-Networks Coupled to Aggregation	7,912,059 10/361,242	March 22, 2011 February 10, 2003

Device Ports by Using an  
Independent Sub-Network  
Identifier Doman Space for Each  
Port

Methods, Systems, And Computer Program Products For Adaptive Inverse Packet Multiplexing In Which Traffic Allocation Is Dynamically Adjustable On Individual Links	10/438,709	May 15, 2003
Demarcation Point for Ethernet Service and Methods for Providing Ethernet Service	10/600,872	June 20, 2003
Methods, Systems, and Computer Products for Provisioning Service Between a Network Access Device and a Network Interface Unit	8,417,795 10/611,608	April 9, 2013 July 1, 2003
Methods and Apparatus for Self Partitioning A Data Network To Prevent Address Conflicts	7,782,797 11/711,549	August 24, 2010
Implementation of Dying Gasp via TDR/SELT Testing	61/052,485	
Methods, Devices and Computer Program Products for Automatic Fault Identification in a Network	12/463,594 20090282292	May 11, 2009 November 12, 2009
Methods, Communication Networks, and Computer Program Products for Communicating Time Division Multiplexing Traffic Using a Traffic Encapsulation Standard Configured to Support Statistical Multiplexing (Statmux) Traffic	8,077,739 12/464,495 20090279424	December 13, 2011 May 12, 2009 November 12, 2009
Application Specific Startup	13/284,878	October 29, 2011

Automatic Detection and  
Configuration Of Ethernet OAM  
Protocols

13/557,738

July 25, 2012

Process to Create Network Service  
via Customized Workflow

61893599

October 21, 2013



**Schedule 2**

Trademarks

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
Extending the Ethernet Service Edge	3258208	July 3, 2007
Hatteras Networks	2846299	May 25, 2004
Hatteras Networks	2893700	October 12, 2004
etherflex	77522918	July 15, 2008
etherflex operating system	77522935	July 15, 2008
SERVflex	77523231	July 16, 2008
SUREflex	77523244	July 16, 2008
TDRplus	77523858	July 16, 2008
Big Flexible Pipe	77523792	July 16, 2008
FASTflex	77523216	July 16, 2008
Unleashing Ethernet Services	77523851	July 16, 2008