

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3333940

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	MEMORANDUM AND NOTICE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

## CONVEYING PARTY DATA

Name	Execution Date
FIRETIDE, INC.	04/24/2014

## RECEIVING PARTY DATA

<b>Name:</b>	SILICON VALLEY BANK, AS ADMINISTRATIVE AGENT
<b>Street Address:</b>	3003 TASMAN DRIVE HG 150,
<b>City:</b>	SANTA CLARA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95054

## PROPERTY NUMBERS Total: 22

Property Type	Number
Patent Number:	8634293
Patent Number:	8559447
Patent Number:	8498211
Patent Number:	8340076
Patent Number:	8155008
Patent Number:	7995501
Patent Number:	7969942
Patent Number:	7768926
Patent Number:	7522731
Patent Number:	7305459
Patent Number:	8724468
Patent Number:	8737268
Patent Number:	D620513
Patent Number:	8824380
Patent Number:	8830921
Patent Number:	8948015
Application Number:	13722697
Application Number:	13952078
Application Number:	14145910
Application Number:	14274704

PATENT

Property Type	Number
Application Number:	14046950
Application Number:	14286461

  

**CORRESPONDENCE DATA**

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*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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<b>ATTORNEY DOCKET NUMBER:</b>	S4149-0005
<b>NAME OF SUBMITTER:</b>	PHILIP NULUD
<b>SIGNATURE:</b>	/Philip Nulud/
<b>DATE SIGNED:</b>	04/30/2015

**Total Attachments: 6**

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**MEMORANDUM AND NOTICE OF SECURITY INTEREST  
IN INTELLECTUAL PROPERTY**

**April 24, 2015**

**FIRETIDE, INC.**, a Delaware corporation (“**Grantor**”), whose address is 2105 S. Bascom Ave., Suite 220, Campbell, CA 95008 hereby acknowledges that it has granted to **SILICON VALLEY BANK, AS ADMINISTRATIVE AGENT**, whose address is 3003 Tasman Drive HG 150, Santa Clara, CA 95054 (the “**Secured Party**”), a security interest in and to all of the Grantor’s right, title and interest in and to: (a) the trademarks and trademark registrations and applications therefor which are identified on Exhibit A attached hereto and herein incorporated by this reference owned by Grantor (the “**Trademarks**”), together with the goodwill and assets of the business associated therewith; (b) the patents and patent applications which are identified on Exhibit B attached hereto and herein incorporated by this reference owned by Grantor (the “**Patents**”); and (c) the copyright registrations which are identified on Exhibit C attached hereto and herein incorporated by this reference owned by Grantor (the “**Copyrights**”), and all actions for infringement concerning the foregoing.

The terms and conditions of the aforementioned security interest are contained in that certain Amended and Restated Guarantee and Collateral Agreement dated as of April 24, 2015 (as same may be amended, restated, amended and restated, supplemented, modified, renewed or extended from time and time, the “**Guarantee and Collateral Agreement**”), among, *inter alios*, the Grantor and the Secured Party as security for the Secured Obligations as set forth in the Agreement and the other agreements referred to therein. Nothing contained in this Memorandum and Notice of Security Interest in Intellectual Property shall be construed as a present or absolute assignment of any of the collateral nor as limiting any interest which Secured Party may have in any other collateral described in the Agreement or otherwise.

*[Signature page to follow.]*

IN WITNESS WHEREOF, the undersigned has caused this Memorandum and Notice of Security Interest in Intellectual Property to be duly executed and delivered as of the date first above written.

**GRANTOR:**

**FIRETIDE, INC.,**  
a Delaware corporation

By:   
Name: Corry S. Hong  
Title: President and CEO

MEMORANDUM AND NOTICE OF SECURITY INTEREST  
IN INTELLECTUAL PROPERTY

**PATENT**  
**REEL: 035556 FRAME: 0644**

**EXHIBIT A**  
**TRADEMARKS and TRADEMARK APPLICATIONS**

<b>Trademark Name</b>	<b>Registration #</b>	<b>Serial #</b>	<b>Registration or Filing Date</b>
FIRETIDE	3,096,623	78-445,411	05/23/2006
HOTVIEW	3,113,055	78-552,326	07/04/2006

Exhibit A

**EXHIBIT B**  
**PATENTS and PATENT APPLICATIONS**

<b>Registration or Application Number</b>	<b>Title</b>	<b>Grant or Filing Date</b>
8,634,293	Services Differentiation and Service Level Agreements for Wireless Clients	01/21/2014
8,559,447	Utilizing Multiple Mesh Network Gateways in a Shared Access Network	10/15/2013
8,498,211	Effective Bandwidth Path Metric and Path Computation Method for Wireless Mesh Networks with Wired Links	07/30/2013
8,340,076	Mesh Node Mobility Across Static and Mobile Mesh Networks	12/25/2012
8,155,008	Method for Enabling the Efficient Operation of Arbitrarily Interconnected Mesh Networks	04/10/2012
7,995,501	Route Optimization for On-Demand Routing Protocols for Mesh Networks	08/09/2011
7,969,942	Bonding Multiple Radios in Wireless Multi-Hop Mesh Networks	06/28/2011
7,768,926	Effective Bandwidth Path Metric and Path Computation Method for Wireless Mesh Networks with Wired Links	08/03/2010
7,522,731	Wireless Points Having Unique Identifiers for Secure Communication	04/21/2009
7,305,459	Wireless Service Point Networks	12/04/2007
8,724,468	Bonding Multiple Radios in Wireless Mutli-Hop Mesh Networks	05/13/2014
8,737,268	Route Optimization for On-Demand Routing Protocols for Mesh Networks	05/27/2014
D620,513	Sensor Enclosure	07/21/2010

<b><u>Registration or Application Number</u></b>	<b><u>Title</u></b>	<b><u>Grant or Filing Date</u></b>
8,824,380	Multi-Channel Assignment Method for Multi-Radio Multi-Hop Wireless Mesh Networks	09/02/2014
8,830,921	Channel Assignment for Wireless Access Networks	09/09/2014
8,948,015	Method for Enabling Efficient Operation of Arbitrarily Interconnected Mesh Networks	02/03/2015
13/722,697	Mesh Node Mobility Across Static and Mobile Mesh Networks	12/20/2010
13/952,078	Effective Bandwidth Path Metric and Path Computation Method for Wireless Mesh Networks with Wired Links	07/26/2013
14/145,910	Service Differentiation and Service Level Agreements for Wireless Access Clients	12/31/2013
14/274,704	Bonding Multiple Radios in Wireless Mutli-Hop Mesh Networks	05/10/2014
13/441,726	Method for Enabling Efficient Operation of Arbitrarily Interconnected Mesh Networks	04/06/2012
8,559,447	Utilizing Multiple Mesh Network Gateways in a Shared Access Network	10/15/2013
14/046,950	Utilizing Multiple Mesh Network Gateways in a Shared Access Network	10/05/2013
14/286,461	Route Optimization for On-Demand Routing Protocols for Mesh Networks	05/23/2014

EXHIBIT C  
COPYRIGHTS and COPYRIGHT APPLICATIONS

None.