

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM355167

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
SPIDERCLOUD WIRELESS, INC.		09/15/2015	CORPORATION: DELAWARE
RECEIVING PARTY DATA			
Name:	SILICON VALLEY BANK		
Street Address:	3003 TASMAN DRIVE		
City:	SANTA CLARA		
State/Country:	CALIFORNIA		
Postal Code:	95054		
Entity Type:	CORPORATION: CALIFORNIA		
PROPERTY NUMBERS Total: 2			
Property Type	Number	Word Mark	
Registration Number:	3782130	SPIDERCLOUD	
Registration Number:	3782092	SMARTCLOUD	
CORRESPONDENCE DATA			
Fax Number:	4048853900		
<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:	4048853868		
Email:	rusty.close@troutmansanders.com		
Correspondent Name:	CHRISTOPHER CLOSE		
Address Line 1:	TROUTMAN SANDERS LLP		
Address Line 2:	600 PEACHTREE STREET NE, SUITE 5200		
Address Line 4:	ATLANTA, GEORGIA 30308-2216		
ATTORNEY DOCKET NUMBER:	220763.001734		
NAME OF SUBMITTER:	Christopher Close		
SIGNATURE:	/Christopher Close/		
DATE SIGNED:	09/15/2015		
Total Attachments: 22			
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT (“Agreement”) is entered into as of September 15, 2015 by and between **SILICON VALLEY BANK**, a California corporation (“**Bank**”) and **SPIDERCLOUD WIRELESS, INC.**, a Delaware corporation (“**Grantor**”).

RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodation to Grantor (the “**Loans**”) in the amounts and manner set forth in that certain Loan and Security Agreement by and among Bank, SpiderCloud Wireless Services, LLC, a Delaware limited liability company and Grantor dated as of even date herewith (as the same may be amended, modified, supplemented 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 to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks, Patents, and Mask Works (as each term is described below) to secure the obligations of Grantor under the Loan Agreement.

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

AGREEMENT

1. Grant of Security Interest. To secure its obligations under the Loan Agreement, 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 or 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, 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.

Notwithstanding the foregoing, the term “Intellectual Property Collateral” shall not include: (a) “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 or (b) any contract, instrument or chattel paper in which a Grantor has any right, title or interest if and to the extent such contract, instrument or chattel paper includes a provision containing a restriction on assignment such that the creation of a security interest in the right, title or interest of such Grantor therein would be prohibited and would, in and of itself, cause or result in a default thereunder enabling another person party to such contract, instrument or chattel paper to enforce any remedy with respect thereto; provided, however, that the foregoing exclusion shall not apply if (i) such prohibition has been waived or such other person has otherwise consented to the creation hereunder of a security interest in such contract, instrument or chattel paper, or (ii) such prohibition would be rendered ineffective pursuant to Sections 9-407(a) or 9-408(a) of the Code, as applicable and as then in effect in any relevant jurisdiction, or any other applicable law (including the Bankruptcy Code or principles of equity); provided further that immediately upon the ineffectiveness, lapse or termination of any such provision, the term “Intellectual Property

Collateral” shall include, and such Grantor shall be deemed to have granted a security interest in, all its rights, title and interests in and to such contract, instrument or chattel paper as if such provision had never been in effect; and provided further that the foregoing exclusion shall in no way be construed so as to limit, impair or otherwise affect Bank’s unconditional continuing security interest in and to all rights, title and interests of such Grantor in or to any payment obligations or other rights to receive monies due or to become due under any such contract, instrument or chattel paper and in any such monies and other proceeds of such contract, instrument or chattel paper.

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. 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.

4. 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.

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

6. 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 State of California, without giving effect to any choice or conflict of law provision or rule (whether of the State of California or any other jurisdiction) that would result in the application of any law other than California law.

[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:

SPIDERCLOUD WIRELESS, INC.

By: T.S.M.
Name: Thomas Scott
Title: Chief Financial Officer

BANK:

SILICON VALLEY BANK

By: _____
Name: _____
Title: _____

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:

SPIDERCLOUD WIRELESS, INC.

By: _____
Name: _____
Title: _____

BANK:

SILICON VALLEY BANK

By: RL
Name: ROBERT MINIKONIS
Title: V.P.

EXHIBIT A

Copyrights

Description	Registration Number	Application Number	Notes on Ownership
None Identified			

EXHIBIT B

Patents

Description	Application Number	Registration Number	Notes on Ownership
Apparatus and Method for an Error Minimizing Phase Locked Loop		6,504,887 (01/07/2003)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004
Methods and Apparatus for Coordinating Network Monitoring and/or Automating Device Configurations Based on Monitoring Results		8,077,662 (12/13/2011)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004
Dynamic Topological Adaptation		8,169,933 (05/01/2012)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004

Description	Application Number	Registration Number	Notes on Ownership
System and Method for Telephone Exchange in Femtocell Networks		8,195,160 (06/05/2012)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004
RAB Triggering for Multimedia Calls		8,249,058 (08/21/2012)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004
Measuring Communicating and Using Interference Information		8,260,207 (09/04/2012)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004
System and Method for Femtocell Management		8,351,920 (01/08/2013)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004

Description	Application Number	Registration Number	Notes on Ownership
Identifying and Controlling Interference from Wireless Terminals		8,391,796 (03/05/2013)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004
Communications Methods and Apparatus		8,401,055 (03/19/2013)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004
Methods and Apparatus for Generating, Reporting and Using Interference Cancellation Information		8,412,103 (04/02/2013)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004
Methods and Apparatus for Processing Uplink Signals		8,462,832 (06/11/2013)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004

Description	Application Number	Registration Number	Notes on Ownership
Despreading Methods and Apparatus		8,494,028 (07/23/2013)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004
Packet Routing Methods and Apparatus for use in a Communication System		8,634,795 (01/21/2014)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004
Method, System and Device for Configuring Topology of a Wireless Network		8,644,193 (02/04/2014)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004
Rake Receiver Methods and Apparatus		8,798,117 (08/05/2014)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004

Description	Application Number	Registration Number	Notes on Ownership
Method and Apparatus for Topology Management for Handovers in Heterogeneous Networks		8,868,077 (10/21/2014)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004
Method and Apparatus for Timing and/or Frequency Offset Monitoring and Handling		8,917,663 (12/23/2014)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004
Method, System and Device for High Speed Uplink Packet Access Scheduling		8,953,529 (02/10/2015)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004
Resource Control in a Communication System		8,958,834 (02/17/2015)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004

Description	Application Number	Registration Number	Notes on Ownership
Long Term Evolution Architecture and Mobility		8,982,841 (03/17/2015)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame: 031980/0561</u> <u>Recorded: 01/13/2004</u>
UMTS Reselection Performance in Small Cell Systems		8,755,802 (06/17/2014)	Owner Spidercloud Wireless, Inc.
Hybrid Coordinated Scheduling Scheme for use in a Radio Access Network		8,958,809 (02/17/2015)	Owner Spidercloud Wireless, Inc.
Over the Air Diagnostics in a Small Cell Radio Access Network	62/137,947 (03/25/2015)		Owner Spidercloud Wireless, Inc.
Backhaul Traffic Compression in a Virtualized Gateway Coordinating Multiple Small Cell Radio Access Networks	62/137,942 (03/25/2015)		Owner Spidercloud Wireless, Inc.
Content Caching in a Virtualized Gateway Coordinating Multiple Small Cell Radio Access Networks	62/137,932 (03/25/2015)		Owner Spidercloud Wireless, Inc.
Hierarchical Data Mining Approach for Latent E-RAN Anomaly Detection	62/137,925 (03/25/2015)		Owner Spidercloud Wireless, Inc.

Description	Application Number	Registration Number	Notes on Ownership
Demand Driven Resource Management Methods for Virtualized Radio Access Networks	62/137,913 (03/25/2015)		Owner Spidercloud Wireless, Inc.
Topology Discovery and Management and SON Orchestration	62/132,102 (03/12/2015)		Owner Spidercloud Wireless, Inc.
Hitless Software Upgrade for a Virtualized Gateway Coordinating Multiple Small Cell Radio Access Networks	62/132,094 (03/12/2015)		Owner Spidercloud Wireless, Inc.
Virtualized Gateway Coordinating Multiple Small Cell Radio Access Networks	62/127,004 (03/02/2015)		Owner Spidercloud Wireless, Inc.
Handoff Procedures and Intra-Network Data Routing for Femtocell Networks	12/570,958 (09/30/2009)		Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame</u> : 031980/0561 <u>Recorded</u> : 01/13/2004
Method and Device for Conditional Access	13/211,003 (08/16/2011)		Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame</u> : 031980/0561 <u>Recorded</u> : 01/13/2004

Description	Application Number	Registration Number	Notes on Ownership
Adaptive Precision Timing Control in a Communication System	13/302,583 (11/22/2011)		Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004
RF Considerations for User Equipment Handoff	13/355,391 (01/20/2012)		Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004
Configuration Space Feedback and Optimization in a Self-Configuring Communication System	13/440,763 (04/05/2012)		Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 031980/0561 <u>Recorded:</u> 01/13/2004
Methods and Apparatus for Encapsulating Femtocell Traffic	12/578,394 (10/13/2009)		Owner Spidercloud Wireless, Inc.

Description	Application Number	Registration Number	Notes on Ownership
Addressing Methods and Apparatus for Use in a Communication System	12/603,390 (10/21/2009)		Owner Spidercloud Wireless, Inc.
Method and Apparatus for Location Based Services	13/470,099 (05/11/2012)		Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame</u> : 031980/0561 <u>Recorded</u> : 01/13/2004
Method and Apparatus for Topology Management for Handovers in Heterogeneous Networks	13/572,021 (08/10/2012)		Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame</u> : 031980/0561 <u>Recorded</u> : 01/13/2004
Method and Apparatus for Topology Management for Handovers in Heterogeneous Networks	13/572,033 (08/10/2012)		Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame</u> : 031980/0561 <u>Recorded</u> : 01/13/2004

Description	Application Number	Registration Number	Notes on Ownership
Dynamic Primary Scrambling Code Disambiguation	13/848,564 (03/21/2013)		Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame</u> : 031980/0561 <u>Recorded</u> : 01/13/2004
System and Method for Organizing a Network	12/712,135 (02/24/2010)		Owner Spidercloud Wireless, Inc.
Handoff in a Self-Configuring Communication System	12/957,180 (11/30/2010)		Owner Spidercloud Wireless, Inc.
Use of a Common Physical Cell Identity in a Small Cell Network	13/752,358 (01/28/2013)		Owner Spidercloud Wireless, Inc.
Load-Based Dynamic Fractional Frequency Reuse in an LTE Network	13/859,480 (04/09/2013)		Owner Spidercloud Wireless, Inc.
Hybrid Joint Processing for use in a Radio Access Network	13/950,343 (07/25/2013)		Owner Spidercloud Wireless, Inc.

Description	Application Number	Registration Number	Notes on Ownership
Uplink-Aware Serving Cell Selection	14/031,596		Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame</u> : 031980/0561 <u>Recorded</u> : 01/13/2004
Fractional Frequency Reuse Schemes Assigned to Clusters of Radio Nodes in an LTE Radio Access Network	14/075,509 (11/08/2013)		Owner Spidercloud Wireless, Inc.
Fractional Frequency Reuse Schemes Assigned to Radio Nodes in an LTE Network	14/075,516 (11/08/2013)		Owner Spidercloud Wireless, Inc.
UMTS Reselection Performance in Small Cell System	14/306,280 (06/17/2014)		
Fractional Frequency Reuse Schemes Assigned to Radio Nodes in an LTE Network	PCT US2014064488 (11/07/2014)		
Dynamic Primary Scrambling Code Disambiguation	PCT US2014031515 (03/21/2014)		

Description	Application Number	Registration Number	Notes on Ownership
Configuration Space Feedback and Optimization in a Self-Configuring Communication System	PCT US2012032393 (04/05/2012)		Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame</u> : 031980/0561 <u>Recorded</u> : 01/13/2004
Method and Apparatus for Topology Management for Handovers in Heterogeneous Networks	PCT US2012050395 (08/10/2012)		Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame</u> : 031980/0561 <u>Recorded</u> : 01/13/2004
Method and Device for Conditional Access	PCT US2011047883 (08/16/2011)		
RAB Triggering for Multimedia Calls	PCT US2011025516 (02/18/2011)		
Method, System and Device for Configuring Topology of a Wireless Network	PCT US2010058427 (11/30/2010)		
Handoff in a Self-Configuring Communication System	PCT US2010058436 (11/30/2010)		
Method, System and Device for High Speed Uplink Packet Access Scheduling	PCT US2010057881 (11/23/2010)		
System and Method for Organizing a Network	PCT US2010025275 (02/24/2010)		

Description	Application Number	Registration Number	Notes on Ownership
Packet Routing Methods and Apparatus in a Communication System	PCT US2009061560 (10/21/2009)		
Addressing Methods and Apparatus for use in a Communication System	PCT US2009061557 (10/21/2009)		
Method for Encapsulating Femtocell Traffic	PCT US2009060556 (10/13/2009)		
Handoff Procedures and Intra-Network Data Routing for Femtocell Networks	PCT US2009059139 (09/30/2009)		
Dynamic Topological Adaptation	PCT US2009059138 (09/30/2009)		
Methods and Apparatus for Generating, Reporting and/or Using Interference Cancellation Information	PCT US2009059140 (09/30/2009)		
Methods and Apparatus for Coordinating Network Monitoring and/or Automating Device Configurations Based on Monitoring Results	PCT US2009047713 (06/17/2009)		

Description	Application Number	Registration Number	Notes on Ownership
Methods and Apparatus for Coordinating Network Monitoring and/or Automating Device Configurations Based on Monitoring Results	(Canada) 2,727,446		SpiderCloud Wireless, Inc.
Methods and Apparatus for Coordinating Network Monitoring and/or Automating Device Configurations Based on Monitoring Results	(EPO) 09 767 689.4		SpiderCloud Wireless, Inc.
Methods and Apparatus for Coordinating Network Monitoring and/or Automating Device Configurations Based on Monitoring Results	(India) 83/MUMNP/2011 (01/17/2011)		SpiderCloud Wireless, Inc.

EXHIBIT C

Trademarks

Description	Serial Number	Registration Number	Notes on Ownership
SPIDERCLOUD (U.S.)	77/602,340 (filed 10/28/2008)	3,782,130 (registered 04/27/2010)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 5191/0360 <u>Recorded:</u> 01/13/2014
SPIDERCLOUD (European Community)	007370927 (filed 11/5/2008)	007370927 (registered 6/10/2009)	Owner Spidercloud Wireless, Inc.
SMARTCLOUD (U.S.)	77/583,443 (filed 10/1/2008)	3,782,092 (registered 4/27/2010)	Owner Spidercloud Wireless, Inc. Security Interest VENTURE LENDING & LEASING VI, INC. VENTURE LENDING & LEASING VII, INC. <u>Reel/Frame:</u> 5191/0360 <u>Recorded:</u> 01/13/2014
SMARTCLOUD (European Community)	007309834 (filed 10/13/2008)	007309834 (registered 5/14/2009)	Owner Spidercloud Wireless, Inc.

EXHIBIT D

Mask Works

Description	Application	Registration	Notes on Ownership
None Identified			