

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3502727

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
SPIDERCLOUD WIRELESS SERVICES LLC	08/21/2015
SPIDERCLOUD WIRELESS, INC.	08/21/2015
RECEIVING PARTY DATA	
Name:	Venture Lending & Leasing VI, Inc.
Street Address:	104 La Mesa Drive, Suite 102
City:	Portola Valley
State/Country:	CALIFORNIA
Postal Code:	94028
Name:	Venture Lending & Leasing VII, Inc.
Street Address:	104 La Mesa Drive, Suite 102
City:	Portola Valley
State/Country:	CALIFORNIA
Postal Code:	94028
PROPERTY NUMBERS Total: 20	
Property Type	Number
Patent Number:	8755802
Patent Number:	8958809
Application Number:	62137947
Application Number:	62137942
Application Number:	62137932
Application Number:	62137925
Application Number:	62137913
Application Number:	62132102
Application Number:	62132094
Application Number:	62127004
Application Number:	12578394
Application Number:	12603390
Application Number:	12712135
Application Number:	12957180

PATENT

Property Type	Number
Application Number:	13752358
Application Number:	13859480
Application Number:	13950343
Application Number:	14075509
Application Number:	14075516
Application Number:	14306280

CORRESPONDENCE DATA

Fax Number: (415)777-4961

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: 415 981 1400

Email: gkiviat@grmslaw.com

Correspondent Name: JEFFREY T. KLUGMAN

Address Line 1: FOUR EMBARCADERO CENTER, SUITE 4000

Address Line 4: SAN FRANCISCO, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER:	48046/0125 P
NAME OF SUBMITTER:	JEFFREY T. KLUGMAN
SIGNATURE:	/Jeffrey T. Klugman/
DATE SIGNED:	08/27/2015

Total Attachments: 5

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SUPPLEMENT NO. 1 TO INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Supplement No. 1 to Intellectual Property Security Agreement (this "Supplement") is made as of August 21, 2015, by and between SPIDERCLOUD WIRELESS, INC. and SPIDERCLOUD WIRELESS SERVICES LLC (each a "Grantor" and together "Grantors"), and VENTURE LENDING & LEASING VI, INC. ("VLL6") and VENTURE LENDING & LEASING VII, INC. ("VLL7"), both Maryland corporations (sometimes referred to herein individually and together as "Secured Party").

RECITALS

WHEREAS, Grantors and Secured Party are parties to that certain Intellectual Property Security Agreement, dated as December 23, 2013 (as the same has been and may be amended, restated, supplemented or otherwise modified from time to time, the "Intellectual Property Security Agreement") pursuant to which, among other things, Grantors granted Secured Party a security interest in, to and under certain items of Grantors' Intellectual Property;

WHEREAS, Grantors and Secured Party wish to amend the Intellectual Property Security Agreement on the terms set forth herein; and

WHEREAS, each capitalized term used but not otherwise defined herein shall have the meaning ascribed thereto in the Intellectual Property Security Agreement.

NOW, THEREFORE, the parties hereto agree as follows:

AGREEMENT

1. Exhibit B to Intellectual Property Security Agreement, the listing of Grantors' Patents, is hereby supplemented and amended by Exhibit "B" attached to this Supplement, to include reference to Grantors' right, title and interest in, to and under the Patents set forth thereon. Exhibit C to Intellectual Property Security Agreement, the listing of Grantors' Trademarks, is hereby supplemented and amended by Exhibit "C" attached to this Supplement, to include reference to Grantors' right, title and interest in, to and under the Trademarks set forth thereon.

2. This Supplement shall be deemed to be an amendment to Intellectual Property Security Agreement and shall not be construed in any way as a replacement or substitution therefor. All of the terms and conditions of, and terms defined in, this Supplement are hereby incorporated by reference into the Intellectual Property Security Agreement as if such terms and provisions were set forth in full therein. Except as so amended hereby, the Intellectual Property Security Agreement and the other Loan Documents shall remain in full force and effect in accordance with their respective terms.

[Signature Pages Follow]

IN WITNESS WHEREOF, the parties hereto have executed this Supplement on the day and year first above written.

GRANTORS:

SPIDERCLOUD WIRELESS, INC.

By: VENTURE LENDING & LEASING VII, INC.
as attorney-in-fact pursuant to Section 3(b)(i) of
the Intellectual Property Security Agreement

By: _____
Name: David Wanek
Title: Vice President

SPIDERCLOUD WIRELESS SERVICES LLC

By: VENTURE LENDING & LEASING VII, INC.
as attorney-in-fact pursuant to Section 3(b)(i) of
the Intellectual Property Security Agreement

By: _____
Name: David Wanek
Title: Vice President

SECURED PARTY:

VENTURE LENDING & LEASING VI, INC.

By: _____
Name: David Wanek
Title: Vice President

VENTURE LENDING & LEASING VII, INC.

By: _____
Name: David Wanek
Title: Vice President

SUPPLEMENT NO. 1 TO INTELLECTUAL PROPERTY SECURITY AGREEMENT

EXHIBIT "B"

Description	Application Number or Registration Number
UMTS Reselection Performance in Small Cell Systems	8,755,802
Hybrid Coordinated Scheduling Scheme for use in a Radio Access Network	8,958,809
Over the Air Diagnostics in a Small Cell Radio Access Network	62/137,947
Backhaul Traffic Compression in a Virtualized Gateway Coordinating Multiple Small Cell Radio Access Networks	62/137,942
Content Caching in a Virtualized Gateway Coordinating Multiple Small Cell Radio Access Networks	62/137,932
Hierarchical Data Mining Approach for Latent E-RAN Anomaly Detection	62/137,925
Demand Driven Resource Management Methods for Virtualized Radio Access Networks	62/137,913
Topology Discovery and Management and SON Orchestration	62/132,102
Hitless Software Upgrade for a Virtualized Gateway Coordinating Multiple Small Cell Radio Access Networks	62/132,094
Virtualized Gateway Coordinating Multiple Small Cell Radio Access Networks	62/127,004
Methods and Apparatus for Encapsulating Femtocell Traffic	12/578,394
Addressing Methods and Apparatus for Use in a Communication System	12/603,390
System and Method for Organizing a Network	12/712,135
Handoff in a Self-Configuring Communication System	12/957,180
Use of a Common Physical Cell Identity in a Small Cell Network	13/752,358

Load-Based Dynamic Fractional Frequency Reuse in an LTE Network	13/859,480
Hybrid Joint Processing for use in a Radio Access Network	13/950,343
Fractional Frequency Reuse Schemes Assigned to Clusters of Radio Nodes in an LTE Radio Access Network	14/075,509
Fractional Frequency Reuse Schemes Assigned to Radio Nodes in an LTE Network	14/075,516
UMTS Reselection Performance in Small Cell System	14/306,280
Fractional Frequency Reuse Schemes Assigned to Radio Notes in an LTE Network	PCT US2014064488
Dynamic Primary Scrambling Code Disambiguation	PCT US2014031515
Method and Device for Conditional Access	PCT US2011047883
RAB Triggering for Multimedia Calls	PCT US2011025516
Handoff in a Self-Configuring Communication System	PCT US2010058436
System and Method for Organizing a Network	PCT US2010025275
Packet Routing Methods and Apparatus in a Communication System	PCT US2009061560
Addressing Methods and Apparatus for use in a Communication System	PCT US2009061557
Method for Encapsulating Femtocell Traffic	PCT US2009060556
Handoff Procedures and Intra-Network Data Routing for Femtocell Networks	PCT US2009059139
Dynamic Topological Adaptation	PCT US2009059138
Methods and Apparatus for Generating, Reporting and/or Using Interference Cancellation Information	PCT US2009059140

SUPPLEMENT NO. 1 TO INTELLECTUAL PROPERTY SECURITY AGREEMENT

EXHIBIT "C"

Matter Title	Registration Number
SPIDERCLOUD (European Community)	007370927
SMARTCLOUD (European Community)	007309834