PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7885905

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARUBA NETWORKS, INC.	11/15/2017

RECEIVING PARTY DATA

Name:	Hewlett Packard Enterprise Development LP
Street Address:	1701 East Mossy Oaks Road
City:	Spring
State/Country:	TEXAS
Postal Code:	77389

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17236648

CORRESPONDENCE DATA

Fax Number:

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:	(970) 898-6588
Email:	hpe.ip.mail@hpe.com
Correspondent Name:	HEWLETT PACKARD ENTERPRISE
Address Line 1:	3404 E. HARMONY ROAD MS 79
Address Line 4:	FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	710224786US02
NAME OF SUBMITTER:	TRACI THOMAS
SIGNATURE:	/Traci Thomas/
DATE SIGNED:	04/05/2023

Total Attachments: 41
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AMENDED AND RESTATED PATENT ASSIGNMENT

This **AMENDED AND RESTATED PATENT ASSIGNMENT** (this "Assignment"), dated as of the 15ᵗʰ of November, 2017, is entered into by and between **Aruba Networks, LLC** (*f/k/a* **Aruba Networks, Inc.**), a Delaware limited liability company with a place of business at 1344 Crossman Ave., Sunnyvale, CA 94089 ("Assignor"), and **Hewlett Packard Enterprise Development LP**, a limited partnership organized under the laws of the State of Texas, United States of America, with a place of business at 11445 Compaq Center Drive West, Houston, TX 77070 ("Assignee"). Assignor and Assignee are referred to herein individually as a "Party" and collectively as the "Parties".

RECITALS

WHEREAS, Assignor and Assignee are parties to that certain *Intellectual Property Assignment Agreement* (long form), dated the 15ᵗʰ of November, 2017, pursuant to which Assignor assigned to Assignee all right, title, and interest in and to the patents and patent applications set forth on Exhibit A (the "Patents") attached thereto (as may be amended, supplemented or otherwise modified from time to time).

WHEREAS, Assignor and Assignee are parties to that certain *Patent Assignment* (short form), effective the 15ᵗʰ of November, 2017 (the "Original Assignment"), pursuant to which the Parties recorded such Patents.

WHEREAS, the Parties desire to amend and restate the Original Assignment to insert a revised list of patents and patent applications (collectively the "Patents") on an updated Exhibit A by entering into this Assignment on the terms and conditions set forth herein.

WHEREAS, the Parties hereto intend and agree that the terms of this Assignment are consistent with the past practices of the Parties with respect to the transactions contemplated hereunder for the period beginning as of the date first written above and that the terms of this Assignment apply as of such date.

NOW, THEREFORE, for good and valuable consideration, the adequacy and receipt of which are hereby acknowledged, the Parties agree as follows:

1. Assignor hereby assigns to Assignee all right, title, and interest, throughout the world, in and to the Patents set forth on Exhibit A attached hereto, including, without limitation, the right to sue for injunctive relief and damages (including based on provisional rights related to published patent applications among the Patents) for infringement of any of the Patents accruing at any time prior to, and the right (where applicable) to file applications under the Paris Convention corresponding to or based on any of the applications for the Patents and to claim priority from such applications and to file national phase, regional phase, continuation, continuation-in-part and divisional applications based on the Patents.

2. Assignor hereby authorizes and requests the competent authorities to record this Assignment and to grant and issue any and all registrations of the Patents set forth on Exhibit A throughout the world to Assignee, its successors, or assigns, whose rights, title, and interests in such registrations are the same as would have been held and enjoyed by Assignor had this Assignment not been made.

3. Assignor will, and will ensure that any other necessary party will, execute all such documents and do all such acts and things as may be required by Assignee for securing and perfecting the assignment of the Patents set forth on Exhibit A in accordance with this Assignment.

4. This Assignment will be binding upon the Parties and their successors and assigns.

PATENT
REEL: 063251 FRAME: 0776

5.   The Parties agree that Exhibit A may be updated from time to time by the Parties without written consent to reflect any changes to the list of Patents on Exhibit A. A copy of the updated Exhibit A may be found on the HPE SharePoint website.

6.   This Assignment may be executed simultaneously in two or more counterparts, each of which will be deemed an original, but all of which together will constitute one and the same instrument. This Assignment may be executed by facsimile or .pdf signature, and a facsimile or .pdf signature will constitute an original for all purposes.

7.   This Assignment will be governed in all respects by the laws of the State of Delaware, United States of America, without reference to any choice of law provisions. Any dispute between the parties shall be subject to the exclusive jurisdiction of the Federal Court of the District of Delaware. The parties agree that United Nations Convention on Contracts for the International Sale of Goods shall not apply to this Assignment.

[Signature Page Follows.]

IN WITNESS WHEREOF the Parties have executed this Assignment by their duly authorized representatives as of the Effective Date:

Hewlett Packard Enterprise Development LP
By: Enterprise DC Holdings LLC, its General Partner
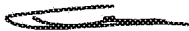
By: *Aamir Haq*

Aamir Haq (Sep 1, 2021 14:29 CDT)

(Signature)

Aamir Haq

(Name)

Manager

(Title)

09/01/2021

(Execution Date)

Aruba Networks, LLC

By: Sergio Letelier (Sep 1, 2021 07:15 CDT)

(Signature)

Sergio Letelier

(Name)
Vice President, Deputy General
Counsel and Assistant Secretary

(Title)

09/01/2021

(Execution Date)

PATENT
REEL: 063251 FRAME: 0778

AMENDED AND RESTATED PATENT ASSIGNMENT

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WHEREAS, the Parties hereto intend and agree that the terms of this Assignment are consistent with the past practices of the Parties with respect to the transactions contemplated hereunder for the period beginning as of the date first written above and that the terms of this Assignment apply as of such date.

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1. Assignor hereby assigns to Assignee all right, title, and interest, throughout the world, in and to the Patents set forth on Exhibit A attached hereto, including, without limitation, the right to sue for injunctive relief and damages (including based on provisional rights related to published patent applications among the Patents) for infringement of any of the Patents accruing at any time prior to, and the right (where applicable) to file applications under the Paris Convention corresponding to or based on any of the applications for the Patents and to claim priority from such applications and to file national phase, regional phase, continuation, continuation-in-part and divisional applications based on the Patents.

2. Assignor hereby authorizes and requests the competent authorities to record this Assignment and to grant and issue any and all registrations of the Patents set forth on Exhibit A throughout the world to Assignee, its successors, or assigns, whose rights, title, and interests in such registrations are the same as would have been held and enjoyed by Assignor had this Assignment not been made.

3. Assignor will, and will ensure that any other necessary party will, execute all such documents and do all such acts and things as may be required by Assignee for securing and perfecting the assignment of the Patents set forth on Exhibit A in accordance with this Assignment.

4. This Assignment will be binding upon the Parties and their successors and assigns.

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PATENT
REEL: 063251 FRAME: 0779

5. The Parties agree that Exhibit A may be updated from time to time by the Parties without written consent to reflect any changes to the list of Patents on Exhibit A. A copy of the updated Exhibit A may be found on the HPE SharePoint website.

6. This Assignment may be executed simultaneously in two or more counterparts, each of which will be deemed an original, but all of which together will constitute one and the same instrument. This Assignment may be executed by facsimile or .pdf signature, and a facsimile or .pdf signature will constitute an original for all purposes.

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[Signature Page Follows.]

IN WITNESS WHEREOF the Parties have executed this Assignment by their duly authorized representatives as of the Effective Date:

Hewlett Packard Enterprise Development LP
By: Enterprise DC Holdings LLC, its General Partner
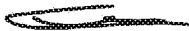
By: *Aamir Haq*
     Aamir Haq (Sep 1, 2021 14:29 CDT)
     (Signature)

Aamir Haq
(Name)

Manager
(Title)

09/01/2021
(Execution Date)

Aruba Networks, LLC

By: Sergio Letelier (Sep 1, 2021 07:15 CDT)
     (Signature)

Sergio Letelier
(Name)
Vice President, Deputy General Counsel and Assistant Secretary
(Title)

09/01/2021
(Execution Date)

**PATENT
REEL: 063251 FRAME: 0781**

EXHIBIT A

Application Title	Country	App No	Filed Date	Pub No	Pub Date	Pat No	Issue Date
MODULAR RADIO ACCESS POINT	US	10/237315	09-Sep-02			7414995	19-Aug-08
RECONFIGURABLE ACCESS POINT	US	11/098903	04-Apr-05	20050207448	22-Sep-05	7525943	28-Apr-09
METHOD AND SYSTEM FOR DYNAMIC METRIC AND WIRELESS HELLO PROTOCOL	US	11/768788	26-Jun-07	20090003366	01-Jan-09	8060649	15-Nov-11
SYSTEM AND METHOD FOR MONITORING AND ENFORCING POLICY WITHIN A WIRELESS NETWORK	US	10/254125	24-Sep-02			6957067	18-Oct-05
MECHANISM FOR DEPLOYING AN ACCESS POINT WITHIN A WLAN USING A SINGLE INTERCONNECT	US	10/237755	09-Sep-02			7627002	01-Dec-09
SYSTEM AND METHOD FOR POSITIONING AND CALIBRATING WIRELESS NETWORK DEVICES	US	10/382752	05-Mar-03			7184770	27-Feb-07
SYSTEM AND METHOD FOR CENTRALIZED STATION MANAGEMENT	US	10/806601	23-Mar-04	20050213579	29-Sep-05	7969937	28-Jun-11
SYSTEM AND METHOD FOR CENTRALIZED STATION MANAGEMENT	US	13/168789	24-Jun-11	20110258696	20-Oct-11	8750272	10-Jun-14
A SERIAL LINE CIRCUIT, AN APPARATUS IMPLEMENTED WITH A SERIAL LINE CIRCUIT, AND METHOD THEREOF	US	10/782612	19-Feb-04	20050185640	25-Aug-05	7688869	30-Mar-10
A MECHANISM FOR SECURELY EXTENDING A PRIVATE NETWORK	US	11/096567	01-Apr-05	20060221916	05-Oct-06	7376113	20-May-08
VLAN POOLING	US	11/236006	27-Sep-05	20070071010	29-Mar-07	8248927	21-Aug-12
VLAN MOBILITY	US	11/241480	30-Sep-05	20070076694	05-Apr-07	7756126	13-Jul-10
CALL ADMISSION CONTROL WITHIN A WIRELESS NETWORK	US	11/635846	07-Dec-06	20070076612	05-Apr-07	8660099	25-Feb-14
SYSTEM AND METHOD FOR ADVERTISING THE SAME SERVICE SET IDENTIFIER FOR DIFFERENT BASIC SERVICE SETS	US	11/305910	19-Dec-05	20070140188	21-Jun-07	7948953	24-May-11
EFFICIENT MULTICAST CONTROL PROCESSING FOR A WIRELESS NETWORK	US	11/449964	09-Jun-06	20070286137	13-Dec-07	8199732	12-Jun-12
SYSTEM AND METHOD FOR ADAPTIVE CHANNEL SCANNING WITHIN A WIRELESS NETWORK	US	11/542327	02-Oct-06	20080080420	03-Apr-08	8817813	26-Aug-14
SYSTEM AND METHOD FOR ADAPTIVE CHANNEL SCANNING WITHIN A WIRELESS NETWORK	US	14/469510	26-Aug-14	20140362696	11-Dec-14		
WIRELESS LINK MONITORING AND ACTIVE TROUBLESHOOTING	US	11/495084	28-Jul-06	20080025259	31-Jan-08	8675547	18-Mar-14
CAPACITY ESTIMATION AND PROPORTIONAL SHARING OF VARYING CAPACITY CHANNELS	US	11/644545	21-Dec-06	20080151751	26-Jun-08	7855963	21-Dec-10
STATELESS CRYPTOGRAPHIC PROTOCOL-BASED HARDWARE ACCELERATION	US	11/496659	31-Jul-06	20110113244	12-May-11	7966646	21-Jun-11
VLAN TUNNELING	US	11/644098	22-Dec-06	20080155252	26-Jun-08	8161543	17-Apr-12
IN-BAND SECURITY PROTOCOL DECRYPTOR AND SCANNER	US	11/497459	31-Jul-06			8601152	03-Dec-13

PATENT
REEL: 063251 FRAME: 0782

SYSTEM AND METHOD FOR ENABLING FUNCTIONALITY BASED ON MEASURED POWER	US	11/784279	05-Apr-07	20080250261	09-Oct-08	7996698	09-Aug-11
HARDWARE BASED PARALLEL PROCESSING CORES WITH MULTIPLE THREADS AND MULTIPLE PIPELINE STAGES	US	11/932656	31-Oct-07	20090109974	30-Apr-09	8059650	15-Nov-11
SYSTEM AND METHOD FOR EXTENDING BATTERY LIFE	US	11/728255	22-Mar-07	20080232373	25-Sep-08	7885217	08-Feb-11
WIRELESS LOCAL AREA NETWORK DEVICE	US	29/282827	30-Jul-07			D604724	24-Nov-09
VISUALIZATION OF RADIO FREQUENCY COVERAGE	US	11/830719	30-Jul-07	20090037149	05-Feb-09	8666704	04-Mar-14
SUPPORTING IDLE STATIONS IN WIRELESS DISTRIBUTION SYSTEMS	US	11/830752	30-Jul-07	20090034492	05-Feb-09	8155054	10-Apr-12
SUPPORTING IDLE STATIONS IN WIRELESS DISTRIBUTION SYSTEMS	US	13/417102	09-Mar-12	20120170499	05-Jul-12	9265020	16-Feb-16
SECURELY VIRTUALIZATING NETWORK SERVICES	US	11/929410	30-Oct-07	20090113535	30-Apr-09	8949965	03-Feb-15
ETHERNET COUPLING	US	11/929679	30-Oct-07	20090108964	30-Apr-09	7696836	13-Apr-10
DELAYED ACK IN DUAL-MODE CALL HANDOVER	US	11/955108	12-Dec-07	20090156217	18-Jun-09	8744451	03-Jun-14
SINGLE NUMBER PRESENTATION FOR DUAL-MODE PHONES	US	11/955104	12-Dec-07	20090156164	18-Jun-09	8000739	16-Aug-11
SINGLE NUMBER PRESENTATION FOR DUAL-MODE PHONES	US	13/191324	26-Jul-11	20110281549	17-Nov-11	8295878	23-Oct-12
SINGLE VOICEMAIL FOR DUAL-MODE PHONES	US	11/955091	12-Dec-07	20090156175	18-Jun-09	8538387	17-Sep-13
HARVESTING ENTROPY FROM TRUSTED CRYPTOGRAPHIC SOURCES	US	11/970153	07-Jan-08	20100023749	28-Jan-10	8250127	21-Aug-12
ENTERPRISE LOCATION DISCOVERY IN DUAL-MODE PHONES	US	12/102650	14-Apr-08	20090258668	15-Oct-09	8068870	29-Nov-11
SECURE CREATION AND MANAGEMENT OF DEVICE OWNERSHIP KEYS	US	12/109273	24-Apr-08	20090268915	29-Oct-09	8041960	18-Oct-11
DISTANCE ESTIMATION	US	12/181859	29-Jul-08	20100026558	04-Feb-10	8519884	27-Aug-13
ASSIGNING SLOTS IN A MESH NETWORK	US	12/184059	31-Jul-08	20100027480	04-Feb-10	8059563	15-Nov-11
WIRELESS MACRO CELL OVERLAY	US	12/261959	30-Oct-08	20100113039	06-May-10	8073449	06-Dec-11
SENSING DEVICE ORIENTATION IN WIRELESS NETWORKS	US	12/337390	17-Dec-08	20100150060	17-Jun-10	8351546	08-Jan-13
CLIENT BALANCING IN WIRELESS NETWORKS	US	12/363611	30-Jan-09	20100195497	05-Aug-10	8155058	10-Apr-12
DIGITAL NETWORK DEVICE	US	29/331667	29-Jan-09			D627345	16-Nov-10
SYNCHRONIZATION OF MOBILE CLIENT MULTICAST MEMBERSHIP	US	12/429983	24-Apr-09	20100272103	28-Oct-10	8520580	27-Aug-13
MULTI-PATTERN WIRELESS FRAME TRANSMISSION	US	12/432614	29-Apr-09	20100277368	04-Nov-10	8223072	17-Jul-12
PEER-TO-PEER FORWARDING FOR PACKET-SWITCHED TRAFFIC	US	12/429981	24-Apr-09	20100275017	28-Oct-10	9049045	02-Jun-15
INITIATING PEER-TO-PEER TUNNELS	US	12/433610	30-Apr-09	20100281180	04-Nov-10	8032652	04-Oct-11
METHODS, APPARATUSES AND SYSTEMS FACILITATING MANAGEMENT OF AIRSPACE IN WIRELESS COMPUTER NETWORK ENVIRONMENTS	US	10/368152	18-Feb-03			7295524	13-Nov-07
METHODS, APPARATUSES AND SYSTEMS FACILITATING MANAGEMENT OF AIRSPACE	US	11/869624	09-Oct-07	20090028118	29-Jan-09	8576812	05-Nov-13

PATENT
REEL: 063251 FRAME: 0783

Title	Country	Application No.	Filing Date	Publication No.	Pub. Date	Patent No.	Issue Date
IN WIRELESS COMPUTER NETWORK ENVIRONMENTS							
Communicating with a Distribution System via an Uplink Access Point	US	14/069105	31-Oct-13	20150117420	30-Apr-15	9438555	06-Sep-16
AUTHORIZING REMOTE ACCESS POINTS	US	12/757771	09-Apr-10	20110252237	13-Oct-11	8627423	07-Jan-14
NETWORK DEVICE AND METHOD FOR CALCULATING ENERGY SAVINGS BASED ON REMOTE WORK LOCATION	US	12/847943	30-Jul-10	20120029976	02-Feb-12	8315896	20-Nov-12
POWER SAVINGS IN ACCESS POINTS	US	12/847895	30-Jul-10	20120026925	02-Feb-12	8451760	28-May-13
AUTOMATIC SECURE CLIENT ACCESS	US	12/916287	29-Oct-10	20120110320	03-May-12	8560833	15-Oct-13
METHODS AND APPARATUS FOR DETERMINING A MAXIMUM AMOUNT OF UNACCOUNTED-FOR DATA TO BE TRANSMITTED BY A DEVICE	US	13/725544	21-Dec-12	20140181293	26-Jun-14		
LOCATING DEVICES IN A WIRELESS NETWORK	US	12/947579	16-Nov-10	20120119880	17-May-12	8514057	20-Aug-13
HEAT DISSIPATION UNIT FOR A WIRELESS NETWORK DEVICE	US	12/971962	17-Dec-10	20120155015	21-Jun-12	8681501	25-Mar-14
WIRELESS CONNECTOR	CN	201130184224.X	21-Jun-11	301860772	14-Mar-12	301860772	14-Mar-12
WIRELESS NETWORK DEVICE	US	29/381355	17-Dec-10			D660839	29-May-12
METHOD AND APPARATUS FOR DETECTING AND AVOIDING INTERFERENCE IN A COMMUNICATIONS NETWORK	US	11/986158	20-Nov-07	20090129273	21-May-09	8718561	06-May-14
METHOD & APPARATUS FOR MINIMIZING PACKET TRANSMISSION LOSS IN A WIRELESS NETWORK	US	12/220984	30-Jul-08	20100027464	04-Feb-10	8094624	10-Jan-12
TOPOLOGY INDEPENDENT NETWORK-BASED AUTOMATION INFRASTRUCTURE	US	13/101028	04-May-11	20120284564	08-Nov-12	8639978	28-Jan-14
Channel distributing method and device in wireless mesh network	CN	200710064250.1	07-Mar-07	CN101022379	22-Aug-07	100499552	10-Jun-09
Wireless mesh network router control method and router device	CN	200810241143.6	31-Dec-08	CN101772068	07-Jul-10	101772068	26-Feb-14
POSITIONING METHOD AND POSITIONING DEVICE OF WLAN (WIRELESS LOCAL AREA NETWORK)	CN	200810247027.5	30-Dec-08	CN101772156	07-Jul-10	101772156	11-Sep-13
Method and apparatus for optimizing ascending voice transmission in wireless LAN	CN	200810241139.X	31-Dec-08	CN101442821	27-May-09	101442821	09-Mar-11
Service quality assuring method in wireless mesh network	CN	200610074995.1	25-Apr-06	CN1838640	27-Sep-06	100448231	31-Dec-08
Multicast client wireless roaming method and equipment	CN	200810241141.7	31-Dec-08	CN101772111	07-Jul-10	101772111	21-May-14
Method and apparatus for wireless MESH network coverage planning and channel allocation	CN	200810241142.1	31-Dec-08	CN101453738	10-Jun-09	101453738	11-Aug-10
SIGNAL STRENGTH AWARE BAND STEERING	US	13/098184	29-Apr-11	20120275320	01-Nov-12	8687512	01-Apr-14
MULTIMODE AUTHENTICATION	US	13/107743	13-May-11	20120291098	15-Nov-12	8887237	11-Nov-14
DEVICE ABSTRACTION IN AUTONOMOUS WIRELESS LOCAL AREA NETWORKS	US	13/174294	30-Jun-11	20130007233	03-Jan-13	8539055	17-Sep-13
METHOD AND SYSTEM FOR ADVERTISING CHANNEL LOAD	US	13/269202	07-Oct-11	20130089081	11-Apr-13	8724606	13-May-14
SYSTEM AND METHOD FOR PROVISIONING A UNIQUE DEVICE CREDENTIAL	US	13/439705	04-Apr-12			8392712	05-Mar-13
OVERLAYING VIRTUAL BROADCAST DOMAINS ON AN UNDERLYING PHYSICAL NETWORK	US	13/563553	31-Jul-12	20140036754	06-Feb-14	8649383	11-Feb-14

METHOD AND SYSTEM FOR USING A MINIMUM SENSITIVITY THRESHOLD FOR RECEIVING WIRELESS SIGNALS	US	13/563549	31-Jul-12	20140038651	06-Feb-14	8886236	11-Nov-14
METHOD AND SYSTEM FOR NETWORK FAILOVER AND NETWORK SELECTION WITH MULTI-MODE MODEM IN REMOTE ACCESS POINTS	US	13/664326	30-Oct-12			8537715	17-Sep-13
HOME VIRTUAL LOCAL AREA NETWORK IDENTIFICATION FOR ROAMING MOBILE CLIENTS	US	13/664330	30-Oct-12			8514828	20-Aug-13
WIRELESS ACCESSING DEVICE	US	29/448488	12-Mar-13			D705224	20-May-14
METHOD AND SYSTEM FOR AN ADAPTIVE WIRELESS ROUTING PROTOCOL IN A MESH NETWORK	US	11/291747	01-Dec-05	20070127503	07-Jun-07	7668173	23-Feb-10
REMOTE ADAPTER CONFIGURATION	US	12/763323	20-Apr-10	20110258641	20-Oct-11	8358661	22-Jan-13
MULTICASTING USING A MULTITIERED DISTRIBUTED VIRTUAL BRIDGE HIERARCHY	US	12/767481	26-Apr-10	20110261815	27-Oct-11	8379642	19-Feb-13
ADDRESS DATA LEARNING AND REGISTRATION WITHIN A DISTRIBUTED VIRTUAL BRIDGE	US	12/767506	26-Apr-10	20110264610	27-Oct-11	8566257	22-Oct-13
MERGING OF DATA CELLS AT NETWORK NODES	US	08/941427	30-Sep-97			6148000	14-Nov-00
METHOD, SYSTEM, AND PROGRAM FOR TESTING A BUS INTERFACE	US	10/044557	11-Jan-02	20030135683	17-Jul-03	6820149	16-Nov-04
METHOD AND SYSTEM FOR AUTOMATING THE CONFIGURATION OF A STORAGE AREA NETWORK	US	09/687114	12-Oct-00			6834299	21-Dec-04
MULTI-MODULE SWITCHING SYSTEM	US	10/215812	08-Aug-02	20030035428	20-Feb-03	7187685	06-Mar-07
APPARATUS, SYSTEM, AND METHOD FOR AUTHORIZED REMOTE ACCESS TO A TARGET SYSTEM	US	10/644140	19-Aug-03	20050044378	24-Feb-05	7302570	27-Nov-07
METHOD AND SYSTEM FOR DYNAMICALLY PRIORITIZING USER CONNECTIONS ON NETWORK	US	14/018145	04-Sep-13	20150067172	05-Mar-15	9590916	07-Mar-17
METHOD AND APPARATUS FOR NETWORK TOPOLOGY DISCOVERY USING CLOSURE APPROACH	US	11/687750	19-Mar-07	20080232262	25-Sep-08	7821966	26-Oct-10
STEERING DATA COMMUNICATIONS PACKETS FOR TRANSPARENT BUMP-IN-THE-WIRE PROCESSING AMONG MULTIPLE DATA PROCESSING APPLICATIONS	US	12/410803	25-Mar-09	20100246593	30-Sep-10	7881324	01-Feb-11
DYNAMIC GROUPING AND CONFIGURATION OF ACCESS POINTS	US	13/954816	30-Jul-13	20150036488	05-Feb-15	9225602	29-Dec-15
IN-ORDER DELIVERY OF PLURALITY OF RDMA MESSAGES	US	10/734037	11-Dec-03	20050144310	30-Jun-05	7912979	22-Mar-11
METHOD AND DATA PROCESSING SYSTEM FOR DETERMINING USER SPECIFIC USAGE OF A NETWORK	US	11/673637	12-Feb-07	20070136575	14-Jun-07	7966653	21-Jun-11
SYSTEM AND METHOD FOR IMPLEMENTING ADAPTIVE LOAD SHARING TO BALANCE NETWORK TRAFFIC	US	12/342257	23-Dec-08	20100149979	17-Jun-10	7983163	19-Jul-11
FACILITATING SERVER RESPONSE OPTIMIZATION	US	10/904090	22-Oct-04	20060090033	27-Apr-06	8001175	16-Aug-11
FACILITATING SERVER RESPONSE OPTIMIZATION	US	13/102010	05-May-11	20110208920	25-Aug-11	8539022	17-Sep-13

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PACING NETWORK TRAFFIC AMONG A PLURALITY OF COMPUTE NODES CONNECTED USING A DATA COMMUNICATIONS NETWORK	US	12/166748	02-Jul-08	20100005189	07-Jan-10	8140704	20-Mar-12
DISCOVERY OF A GENERIC DEVICE IN A NON-LINEAR DISCOVERY FRAMEWORK	US	12/403104	12-Mar-09	20100235510	16-Sep-10	8185632	22-May-12
PHYSICAL TO HIERARCHICAL BUS TRANSLATION	US	12/758329	12-Apr-10	20110252167	13-Oct-11	8316169	20-Nov-12
APPLICATION AUTHENTICATION USING NETWORK AUTHENTICATION INFORMATION	US	14/068706	31-Oct-13	20150121481	30-Apr-15	9590972	07-Mar-17
SYSTEM AND METHOD FOR DETECTION OF ROGUE ROUTERS IN A COMPUTING NETWORK	US	13/836156	15-Mar-13	20140283029	18-Sep-14	9467459	11-Oct-16
ADAPTIVE METHODS FOR OPTIMIZING SOUNDING AND CHANNEL FEEDBACK OVERHEAD IN SU-MIMO AND MU-MIMO BEAMFORMING	US	14/069173	31-Oct-13	20150117325	30-Apr-15	9686004	20-Jun-17
DISTRIBUTED FUNCTIONALITY ACROSS MULTIPLE NETWORK DEVICES	US	13/791568	08-Mar-13	20140258478	11-Sep-14	9130896	08-Sep-15
METHOD FOR RF MANAGEMENT, FREQUENCY REUSE AND INCREASING OVERALL SYSTEM CAPACITY USING NETWORK-DEVICE-TO-NETWORK-DEVICE CHANNEL ESTIMATION AND STANDARD BEAMFORMING TECHNIQUES	US	14/069166	31-Oct-13	20150117324	30-Apr-15	9706415	11-Jul-17
BLACKLISTING BASED ON A TRAFFIC RULE VIOLATION	US	11/527171	25-Sep-06	20080126531	29-May-08	9125130	01-Sep-15
NETWORK DEVICE WORKLOAD BALANCING	US	14/067865	30-Oct-13	20150120864	30-Apr-15	9456031	27-Sep-16
SECURE CONFIGURATION OF A HEADLESS NETWORKING DEVICE	US	13/783001	01-Mar-13	20140247943	04-Sep-14		
DYNAMIC OPTIMIZATION OF ADVERTISEMENT PACKETS	US	14/067867	30-Oct-13	20150117215	30-Apr-15	9438439	06-Sep-16
METHOD AND SYSTEM FOR ROAMED CLIENT DEVICE HANDLING	US	14/037250	25-Sep-13	20150085734	26-Mar-15		
SYSTEM, APPARATUS AND METHOD FOR MANAGING NETWORK DEVICE CONNECTIVITY ON HETEROGENOUS NETWORKS	US	14/065343	28-Oct-13	20150119035	30-Apr-15	9380508	28-Jun-16
DISTRIBUTED LOAD BALANCING IN WIRELESS NETWORKS	US	12/112285	30-Apr-08	20090274129	05-Nov-09	9113335	18-Aug-15
METHOD AND SYSTEM FOR CONTROLLING ACCESS TO SHARED DEVICES	US	14/068802	31-Oct-13	20150120951	30-Apr-15	9544331	10-Jan-17
METHOD FOR DYNAMIC LOAD BALANCING IN CAMPUS DEPLOYMENTS	US	14/067802	30-Oct-13	20150120910	30-Apr-15	9405591	02-Aug-16
MOBILE REMOTE ACCESS	US	12/547032	25-Aug-09	20110051698	03-Mar-11	9667652	30-May-17
METHOD AND SYSTEM FOR NETWORK SERVICE HEALTH CHECK AND LOAD BALANCING	US	14/068833	31-Oct-13	20150120911	30-Apr-15	9544332	10-Jan-17
Method and System for Tracking Devices	US	61/976314	07-Apr-14				
BALANCING CLIENTS ACROSS BANDS IN A SINGLE ACCESS POINT	US	12/609981	30-Oct-09	20110103230	05-May-11	9078192	07-Jul-15
DETECTING AP MAC SPOOFING	US	12/609992	30-Oct-09	20110107417	05-May-11		
AUTO MESH DISCOVERY MECHANISM	US	12/694087	26-Jan-10	20110182172	28-Jul-11		
METHOD AND APPARATUS TO CONTROL TX/RX AMSDU SIZE BASED ON THE NEGOTIATED MAXIMUM TRANSMISSION	US	13/918673	14-Jun-13	20140369210	18-Dec-14	9154432	06-Oct-15

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UNIT IN THE TUNNEL BETWEEN A CONTROLLER AND AN ACCESS POINT							
TEMPLATE-BASED ESTIMATION OF FREQUENCY SPECTRA	US	12/695017	27-Jan-10	20110182383	28-Jul-11		
SYSTEM, APPARATUS AND METHOD FOR REDUCING FAILOVER TIME THROUGH REDUNDANCY USING VIRTUAL ACCESS POINTS	US	14/063444	25-Oct-13	20150117180	30-Apr-15	9608859	28-Mar-17
CONTROLLER OFFLOADING	US	14/069227	31-Oct-13	20150120799	30-Apr-15	9667728	30-May-17
Task Processing and Resource Sharing in a Distributed Wireless System	US	13/959603	05-Aug-13	20150038188	05-Feb-15	9292837	22-Mar-16
DETECTING ROGUE ACCESS POINTS	US	12/847899	30-Jul-10	20120026887	02-Feb-12		
Monitoring Link Quality Between Network Devices	US	14/069077	31-Oct-13	20150117234	30-Apr-15	9438496	06-Sep-16
HTTP PROXY BASED CAPTIVE PORTAL	US	12/976700	22-Dec-10	20120166662	28-Jun-12	9456018	27-Sep-16
PROVISIONING A SWARM	US	12/976722	22-Dec-10	20120166519	28-Jun-12	9398471	19-Jul-16
LOCATION BASED ACCESS	US	14/069050	31-Oct-13	20150121465	30-Apr-15	9516503	06-Dec-16
BRIDGE MODE FIREWALL MOBILITY	US	13/072471	25-Mar-11	20120243456	27-Sep-12	9148895	29-Sep-15
DYNAMIC TRANSACTION-PERSISTENT SERVER LOAD BALANCING	US	13/095705	27-Apr-11	20120278440	01-Nov-12		
CENTRALIZED CONFIGURATION WITH DYNAMIC DISTRIBUTED ADDRESS MANAGEMENT	US	13/279182	21-Oct-11	20130103836	25-Apr-13	9137198	15-Sep-15
MESH NODE ROLE DISCOVERY AND AUTOMATIC RECOVERY	US	13/174236	30-Jun-11	20130003654	03-Jan-13		
EQUIPMENT ABSTRACT IN SELF-ORGANIZATION WIRELESS LOCAL AREA NETWORK	CN	201110180250.4	30-Jun-11	102857907	02-Jan-13		
MANAGING MULTIPLE VIRTUAL NETWORK MEMBERSHIPS	US	13/194703	29-Jul-11	20130028133	31-Jan-13	9100215	04-Aug-15
INFRASTRUCTURE-ASSISTED CLIENT MANAGEMENT USING SYNTHESIZED BEACON REPORTS	US	13/195720	01-Aug-11	20130036188	07-Feb-13		
POLICY-BASED CONTROL MECHANISM FOR WIRELESS NETWORK PHYSICAL LAYER RESOURCES	US	14/067826	30-Oct-13	20150117322	30-Apr-15		
CLIENT AWARE DHCP LEASE MANAGEMENT	US	13/246587	27-Sep-11	20130080614	28-Mar-13	9344397	17-May-16
VOICE CALL HANDOVER	US	13/279174	21-Oct-11	20130100821	25-Apr-13		
AUTO-SPLIT DNS	US	13/282291	26-Oct-11	20130111040	02-May-13	9319377	19-Apr-16
METHOD AND SYSTEM TO CONFIGURE NETWORK DEVICES	US	13/653225	16-Oct-12	20140105061	17-Apr-14	9113406	18-Aug-15
METHOD AND SYSTEM FOR PREVENTING CIRCULATION IN MESH NETWORK	CN	201110327302.6	25-Oct-11	103079248	01-May-13		
METHOD AND SYSTEM FOR PREVENTING LOOPS IN MESH NETWORKS	US	13/281072	25-Oct-11	20130100872	25-Apr-13	9060322	16-Jun-15
VLAN POOLING ENHANCEMENT	US	13/356390	23-Jan-12	20130188625	25-Jul-13		
DYNAMIC WALLED GARDEN	US	13/282333	26-Oct-11	20130111024	02-May-13		
VIRTUAL PRIVATE NETWORK CLIENT INTERNET PROTOCOL CONFLICT DETECTION	US	13/350584	13-Jan-12	20130182651	18-Jul-13		
PROPAGATION OF LEVELED KEY TO NEIGHBORHOOD NETWORK DEVICES	US	13/363087	31-Jan-12	20130196708	01-Aug-13		

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SYSTEM AND METHOD FOR DETERMINING LEVELED SECURITY KEY HOLDER	US	13/368212	07-Feb-12	20130203384	08-Aug-13	9084111	14-Jul-15
CONTROLLED CLIENT ROAMING	US	13/435715	30-Mar-12	20130259005	03-Oct-13	9137727	15-Sep-15
VIDEO MULTICAST OPTIMIZATION	US	13/460821	30-Apr-12	20130286922	31-Oct-13	9408044	02-Aug-16
SYSTEM AND METHOD FOR MITIGATING MULTICAST MESSAGE DUPLICATION IN A WIRELESS NETWORK	US	13/460819	30-Apr-12	20130286921	31-Oct-13	9356817	31-May-16
CAPTIVE PORTAL REDIRECTION USING DISPLAY LAYOUT INFORMATION	US	13/439730	04-Apr-12	20130268666	10-Oct-13	9332054	03-May-16
METHOD AND SYSTEM FOR MAINTAINING DERIVED DATA SETS	US	13/692920	03-Dec-12	20140156604	05-Jun-14	9058349	16-Jun-15
ADAPTIVE ANTENNA PATTERN MANAGEMENT FOR WIRELESS LOCAL AREA NETWORKS	US	13/560816	27-Jul-12	20140029450	30-Jan-14	9456357	27-Sep-16
METHOD AND SYSTEM FOR SYNCHRONIZATION OF DATA STREAMS	US	13/779486	27-Feb-13	20140244855	28-Aug-14	9553906	24-Jan-17
METHOD AND SYSTEM TO CONFIGURE NETWORK ACCESS POINTS	US	13/538411	29-Jun-12	20140003355	02-Jan-14	9107219	11-Aug-15
METHOD AND SYSTEM FOR DETERMINING A LOCATION OF WIRELESS DEVICE	US	13/829694	14-Mar-13	20140274112	18-Sep-14	9474039	18-Oct-16
GEOGRAPHIC PROXIMITY BASED SERVICE DISCOVERY (as amended)	US	13/542604	05-Jul-12	20140010150	09-Jan-14	9787778	10-Oct-17
SYSTEM AND METHOD FOR SUPPORTING MULTICAST DOMAIN NAME SYSTEM DEVICE AND SERVICE CLASSIFICATION	US	13/542606	05-Jul-12	20140012967	09-Jan-14	9350815	24-May-16
SYSTEM AND METHOD FOR ENFORCING UPLINK WIRELESS MEDIUM USAGE IN WIRELESS NETWORKS	US	13/563630	31-Jul-12	20140036893	06-Feb-14	9124547	01-Sep-15
METHOD AND SYSTEM FOR STORING AND ACCESSING CLIENT DEVICE INFORMATION IN A DISTRIBUTED SET OF NODES	US	13/563639	31-Jul-12	20140040422	06-Feb-14	9306921	05-Apr-16
SYSTEM AND METHOD FOR IMPROVING PERFORMANCE OF DISCOVERY PHASE OF QUICK ROAMING	CN	201210427912.8	31-Oct-12	103796187	14-May-14		
METHOD AND SYSTEM FOR IMPROVING PERFORMANCE IN DISCOVERY STAGE OF FAST ROAMING	US	13/665684	31-Oct-12	20140119279	01-May-14	9143883	22-Sep-15
METHOD AND SYSTEM FOR MEASURING WIRELESS LINK QUALITY	US	13/653278	16-Oct-12	20140105058	17-Apr-14	9215609	15-Dec-15
THREE DIMENSIONAL ANTENNA DOME ARRAY	US	13/742227	15-Jan-13	20140197998	17-Jul-14	9385416	05-Jul-16
UNIVERSAL CEILING MOUNT CLIP TO SUPPORT MULTIPLE TYPES OF CEILING RAILS	US	13/665633	31-Oct-12	20140117186	01-May-14		
METHOD AND SYSTEM FOR SECURE ADVERTISEMENTS AND WIRELESS DISCOVERY OF VIRTUAL CONTROLLER BASED ACCESS POINT CLUSTERS	US	13/654296	17-Oct-12	20140105094	17-Apr-14		
METHOD AND SYSTEM FOR CAUSING A CLIENT DEVICE TO RENEW A DYNAMIC IP ADDRESS	US	13/719674	19-Dec-12	20140173124	19-Jun-14	9356908	31-May-16
Enhanced Dynamic Multicast Optimization	US	14/069092	31-Oct-13	20150117235	30-Apr-15	9338073	10-May-16
DETERMINING TRANSMISSION PARAMETERS FOR TRANSMITTING BEACON FRAMERS	US	13/652282	15-Oct-12	20140105037	17-Apr-14		
METHOD AND SYSTEM FOR ROUTING DATA	US	13/749540	24-Jan-13	20140204763	24-Jul-14		

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DISTRIBUTED NETWORK LAYER MOBILITY FOR UNIFIED ACCESS NETWORKS	US	13/829720	14-Mar-13	20140269648	18-Sep-14	9408061	02-Aug-16
USING APPLICATION LEVEL AUTHENTICATION FOR NETWORK LOGIN	US	14/068766	31-Oct-13	20150121500	30-Apr-15		
SELECTIVE SERVICE BASED VIRTUAL LOCAL AREA NETWORK FLOODING	US	14/060539	22-Oct-13	20150109924	23-Apr-15	9231862	05-Jan-16
APPARATUS, SYSTEM AND METHOD FOR LOAD BALANCING TRAFFIC TO AN ACCESS POINT ACROSS MULTIPLE PHYSICAL PORTS	US	13/837228	15-Mar-13	20140269285	18-Sep-14	9300586	29-Mar-16
APPARATUS AND METHOD AGGREGATION AT ONE OR MORE LAYERS	US	13/841807	15-Mar-13	20140269752	18-Sep-14	9306866	05-Apr-16
INGRESS TRAFFIC CLASSIFICATION AND PRIORITIZATION WITH DYNAMIC LOAD BALANCING	US	13/692608	03-Dec-12	20140153393	05-Jun-14	9160671	13-Oct-15
Sleep control for a network of BLE devices	US						
Client association management for maximizing MU-MIMO transmissions	US						
Auth Survivability Caching of Server Sent Attributes along with user credentials post authentication.	US						
METHOD AND SYSTEM FOR DETECTING USE OF WRONG INTERNET PROTOCOL ADDRESS	US						
use proximity to grant guest WiFi access	US						
DETERIMINING A LOCATION OF A TARGET WIRELESS DEVICE	US						
Inferring Scan Information Without Scanning	US						
Method and apparatus for Adaptive Resource Allocation in Congested WLAN Deployment	US						
Dynamic Detection and Application-based Policy Enforcement of Proxy Connections	US						
Using an auxilliary IP address to allow a wireless client on a remote network access to central corporate resources	US						
A method to speed up callibration of wireless network's signal strength map database for indoor locating techniques	US						
SYSTEM AND METHOD FOR DECENTRALIZED TRUST-BASED SERVICE PROVISIONING	US	11/063305	22-Feb-05	20060190991	24-Aug-06		
PER-USER FIREWALL	US	11/582096	16-Oct-06	20080092223	17-Apr-08	9231911	05-Jan-16
SETTING POLICY BASED ON ACCESS NODE LOCATION	US	11/929628	30-Oct-07	20090113516	30-Apr-09		
SMART DEVICE PROFILING	US	12/259989	28-Oct-08	20100103910	29-Apr-10		
CLASSIFICATION OF WIRED TRAFFIC BASED ON VLAN	US	12/365025	03-Feb-09	20100199343	05-Aug-10		
DETECTING SPOOFING IN WIRELESS DIGITAL NETWORKS	US	12/533924	31-Jul-09	20110030055	03-Feb-11		
SYSTEM AND METHOD FOR PROVIDING DATA LINK LAYER AND NETWORK LAYER MOBILITY USING LEVELED SECURITY KEYS	US	13/466742	08-May-12	20130305332	14-Nov-13		
SYSTEM AND METHOD FOR EFFICIENT STATE SYNCHRONIZATION AMONG NEIGHBORING NETWORK DEVICES	US	13/931629	28-Jun-13	20150003284	01-Jan-15	9351130	24-May-16
PROVISIONING ACCESS POINT BANDWIDTH BASED ON PREDETERMINED EVENTS	US	14/068988	31-Oct-13	20150120930	30-Apr-15	9591562	07-Mar-17

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Title	Country	App. No.	Filing Date	Pub. No.	Pub. Date	Patent No.	Issue Date
SYSTEM AND METHOD FOR DISPLAYING MOBILE TRAIL FOR MOBILE CLIENTS	US						
CLASSIFYING WIRELESS SIGNALS	US	14/097188	04-Dec-13	20150156643	04-Jun-15	9429647	30-Aug-16
DYNAMICALLY MODIFYING SCANNING METHODS AND/OR CONFIGURATIONS	US	14/097183	04-Dec-13	20150156645	04-Jun-15	9456364	27-Sep-16
BAND STEERING FOR MULTI-BAND WIRELESS CLIENTS	DE	112013000764.9	31-Jan-13	112013000764	11-Dec-14		
OPERATING ON A NETWORK WITH CHARACTERISTICS OF A DATA PATH LOOP	US	14/183386	18-Feb-14	20150236946	20-Aug-15		
LOCATION APPROXIMATION AND DISCOVERY OF WIRED SERVERS	US	14/332517	16-Jul-14	20160021214	21-Jan-16	9509785	29-Nov-16
Method and System for Controlling Access to Shared Devices	US	14/507292	06-Oct-14	20160065578	03-Mar-16		
Method and System for Controlling Access to Shared Devices	US	62/042749	27-Aug-14				
DETERMINING WHETHER TO USE A LOCAL AUTHENTICATION SERVER	US	14/446551	30-Jul-14	20160036794	04-Feb-16	9578003	21-Feb-17
ANALYZING A PARTICULAR WIRELESS SIGNAL BASED ON CHARACTERISTICS OF OTHER WIRELESS SIGNALS	US	14/097198	04-Dec-13	20150156648	04-Jun-15	9319156	19-Apr-16
DEEP PACKET INSPECTION (DPI) AWARE CLIENT STEERING AND LOAD BALANCING IN WIRELESS LOCAL AREA NETWORK (WLAN) INFRASTRUCTURE	US	14/445585	29-Jul-14	20160036657	04-Feb-16		
METHOD AND SYSTEM FOR AN ADAPTIVE WIRELESS ROUTING PROTOCOL IN A MESH NETWORK	EP		30-Nov-06				
Automatic Delivery Traffic Indication Message Interval Control For Better Mobile Power Save Performance	US	14/169896	31-Jan-14	20150223168	06-Aug-15	9332497	03-May-16
METHODS FOR GROUP MANAGEMENT, SCHEDULING, AND RATE SELECTION FOR MU-MIMO USING USER LOCATION AND OTHER SYSTEM PARAMETERS	US	14/445755	29-Jul-14	20160037330	04-Feb-16	9439064	06-Sep-16
PROVIDING AND RESOLVING AN IP ADDRESS FOR SWARM-BASED SERVICES	US	13/908987	03-Jun-13	20130268660	10-Oct-13	9667512	30-May-17
AVOIDING SELF INTERFERENCE USING CHANNEL STATE INFORMATION FEEDBACK	US	14/266626	30-Apr-14	20150318878	05-Nov-15		
METHOD AND SYSTEM FOR ADAPTIVE CELL SIZE MANAGEMENT	US	14/445316	29-Jul-14	20160037458	04-Feb-16		
Method and equipment for role discovery and automatic wireless configuration of grid nodes	CN	201110180224.1	30-Jun-11	102858023	02-Jan-13		
ENFORCING STATION FAIRNESS WITH MU-MIMO DEPLOYMENTS	US	14/262641	25-Apr-14	20150312012	29-Oct-15	9577727	21-Feb-17
METHOD AND SYSTEM FOR CONTROLLING THE FORWARDING OF ERROR CORRECTION DATA	US	14/069360	31-Oct-13				
MODIFYING FEEDBACK INFORMATION TO CONTROL A SOURCE DEVICE	US	14/170521	31-Jan-14	20150223105	06-Aug-15	9736720	15-Aug-17
SYSTEM, APPARATUS AND METHOD FOR INTEGRATED WIRELESS LINK MANAGEMENT FOR A MULTI-POLARIZED ANTENNA SYSTEM	US	14/141289	26-Dec-13	20150188620	02-Jul-15	9312944	12-Apr-16
ADAPTIVE MANAGEMENT OF WIRELESS CLIENTS BASED ON CLIENTS RADIO BEHAVIORS AND CAPABILITIES	US	14/169939	31-Jan-14	20150223192	06-Aug-15	9706491	11-Jul-17

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Dynamic Channel Bandwidth Selection Based on Information for Packets transmitted at Different Channel Bandwidths	US	14/264707	29-Apr-14	20150312910	29-Oct-15		
DISTRIBUTED RADIO MANAGEMENT	US	14/263186	28-Apr-14	20150312835	29-Oct-15	9565627	07-Feb-17
System And Method For Efficient Frame Aggregation	US	14/170297	31-Jan-14	20150222562	06-Aug-15	9407734	02-Aug-16
Method for improving location accuracy in multi-channel wireless networks	US	14/170336	31-Jan-14	20150219742	06-Aug-15	9445226	13-Sep-16
OFFLOADING PACKET TREATMENT USING MODIFIED PACKET HEADERS IN A DISTRIBUTED SWITCH SYSTEM	US	14/249157	09-Apr-14	20150295826	15-Oct-15		
Distributed Gateway for Local Subnet	US	14/170524	31-Jan-14	20150222540	06-Aug-15		
Software Defined Wireless Device Management	US	14/264525	29-Apr-14	20150312131	29-Oct-15		
AUTOMATIC GENERATION OF FORMS FOR DEVICE CONFIGURATION	US	14/170346	31-Jan-14	20150220233	06-Aug-15		
Initiating Data Collection Based On Wifi Network Connectivity Metrics	US	14/170319	31-Jan-14	20150222507	06-Aug-15	9407522	02-Aug-16
NAVIGATING TO A MOVING TARGET	US	14/170532	31-Jan-14	20150219458	06-Aug-15		
SYSTEM AND METHODS FOR ADAPTIVE PER-USER MULTIPATH CONTROL FOR SPATIAL MULTIPLEXING GAIN IN MIMO SYSTEMS	US	14/168702	30-Jan-14	20150215025	30-Jul-15	9356676	31-May-16
DETECTING CHARACTERISTICS OF A DATA PATH LOOP ON A NETWORK	US	14/183392	18-Feb-14	20150236911	20-Aug-15		
METHOD AND SYSTEM FOR IMPLEMENTING A PRIORITY FOR ACCESS POINTS	US	14/170529	31-Jan-14	20150222527	06-Aug-15		
SELECTION OF A ROUTE BASED ON PRIOR USER BEHAVIOR OR COMMERCIAL INTERESTS	US	14/170533	31-Jan-14	20150219466	06-Aug-15		
Determining Packet Priority Based On A Location Associated With A Client Device	US	14/170531	31-Jan-14	20150222727	06-Aug-15	9800686	24-Oct-17
INTRUSION DETECTION AND VIDEO SURVEILLANCE ACTIVATION AND PROCESSING	US	14/172880	04-Feb-14	20150221193	06-Aug-15		
LOCATION DRIVEN ASSOCIATION OF CLIENT DEVICES TO ACCESS POINTS	US	14/445674	29-Jul-14	20160037427	04-Feb-16	9332477	03-May-16
CLIENT DEVICE ADDRESS ASSIGNMENT FOLLOWING AUTHENTICATION	US	14/445600	29-Jul-14	20160036771	04-Feb-16	9712489	18-Jul-17
COLOR CODED INTERFACE TO VISUALIZE RADIO FREQUENCY ISSUES ON A FLOOR PLAN	US	14/319001	30-Jun-14	20150381434	31-Dec-15		
METHOD AND APPARATUS FOR CONTENT FILTERING ON SPDY CONNECTIONS	US	14/522251	23-Oct-14	20160119288	28-Apr-16	9413727	09-Aug-16
ADVERTISING AND PROFILING USER LOCATION TO UNIFIED COMMUNICATION SUITE IN ENTERPRISE WIRELESS NETWORKS	US	14/498450	26-Sep-14	20160094938	31-Mar-16		
PARTITIONING DATA SETS FOR TRANSMISSION ON MULTIPLE PHYSICAL LINKS	US	14/530451	31-Oct-14	20160127520	05-May-16	9635148	25-Apr-17
GROUP OWNER (GO) NEGOTIATION IN PEER TO PEER (P2P) COMMUNICATIONS TO OBTAIN GROUP OWNER ROLE (as amended)	US	14/590847	06-Jan-15	20160127950	05-May-16	9681365	13-Jun-17
SYSTEM AND METHODS FOR LOCATION DETERMINATION IN MIMO WIRELESS NETWORKS	US	14/446480	30-Jul-14	20160033617	04-Feb-16	9658311	23-May-17

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METHOD AND SYSTEM FOR DEVICE AWARE POWER SAVE	US	14/262654	25-Apr-14	20150312861	29-Oct-15		
MULTICAST AWARE BEAMFORMING FOR WIRELESS LOCAL AREA NETWORKS	US	14/336402	21-Jul-14	20160021550	21-Jan-16	9451474	20-Sep-16
AUTOMATIC CALIBRATION OF PROBE REQUEST RECEIVED SIGNAL STRENGTH INDICATION (RSSI) THRESHOLD TO CONTROL ASSOCIATIONS	US	14/258998	22-Apr-14	20150304978	22-Oct-15	9408181	02-Aug-16
DYNAMIC DETECTION OF INACTIVE VIRTUAL PRIVATE NETWORK CLIENTS	US	14/334830	18-Jul-14	20160021194	21-Jan-16		
VIRTUAL LOCAL AREA NETWORK MISMATCH DETECTION IN NETWORKS	US	14/266594	30-Apr-14	20150319042	05-Nov-15		
METHOD FOR USING MOBILE DEVICES WITH VALIDATED USER NETWORK IDENTITY AS PHYSICAL IDENTITY PROOF	US	14/445306	29-Jul-14	20160035159	04-Feb-16		
DETECTING MOVEMENT IN A PHYSICAL ENVIRONMENT	US	14/263564	28-Apr-14	20150312877	29-Oct-15		
SYSTEM AND METHOD FOR DISPLAYING MOBILE TRAIL FOR MOBILE CLIENTS	US	62/018610	29-Jun-14				
NETWORK CONTROLLER FAILOVER REQUEST TO REDUCE NETWORK OUTAGES	US	14/528056	30-Oct-14	20160124819	05-May-16	9588850	07-Mar-17
DETERMINING LOCATION BASED ON BOTH A DETECTED LOCATION AND A PREDICTED LOCATION	US	14/262554	25-Apr-14	20150312721	29-Oct-15	9319844	19-Apr-16
INTELLIGENT HANDLING OF VOICE CALLS FROM MOBILE VOICE CLIENT DEVICES	US	14/332144	15-Jul-14	20160021564	21-Jan-16	9510233	29-Nov-16
FILTERING OUT ACCESS POINT DATA BASED ON NON-CONFORMITY WITH OTHER ACCESS POINT DATA	US	14/262599	25-Apr-14	20150312724	29-Oct-15	9408038	02-Aug-16
METHOD TO CONTROL DYNAMIC HOST CONFIGURATION PROTOCOL POOL EXHAUSTION IN DYNAMIC NETWORK ENVIRONMENTS	US	14/445312	29-Jul-14	20160036770	04-Feb-16		
ECO-FRIENDLY POWER OVER ETHERNET	US	14/264887	29-Apr-14	20150312853	29-Oct-15	9609590	28-Mar-17
NON-BLOCKING UPLINK ARCHITECTURE FOR ACCESS POINTS	US	14/445195	29-Jul-14	20160037384	04-Feb-16		
METHOD TO DISTRIBUTE A CENTRALIZED SERVICE	US	14/524528	27-Oct-14	20160119278	28-Apr-16		
METHOD AND SYSTEM FOR CLIENT DEVICE LOCALIZATION	US	14/262663	25-Apr-14	20150312875	29-Oct-15	9456433	27-Sep-16
METHOD AND SYSTEM FOR A USER TO CREATE FAVORITE SERVER LISTS FOR MULTIPLE SERVICES	US	14/340915	25-Jul-14	20160028650	28-Jan-16		
AUTOMATIC DETECTION OF VIP GUEST DEVICES ON WIRELESS NETWORKS ASSOCIATED WITH AN ENTITY (as amended)	US	14/332009	15-Jul-14	20160021205	21-Jan-16		
USER ANCHOR CONTROLLER COMMUNICATION WITHIN A NETWORK ENVIRONMENT	US	14/261332	24-Apr-14	20150312819	29-Oct-15		
ZERO TOUCH CONFIGURATION SUPPORT FOR UNIVERSAL SERIAL BUS MODEM ON A NETWORK DEVICE	US	14/446548	30-Jul-14	20160036634	04-Feb-16		
COMMUNICATION MODEL BASED ON USER ROLE	US	14/517123	17-Oct-14				

SYSTEM AND METHOD FOR GROUPING AND ASSIGNING CHANNELS IN A NETWORK SYSTEM	US	14/445800	29-Jul-14	20160037542	04-Feb-16	9326294	26-Apr-16
DYNAMIC HOST CONFIGURATION PROTOCOL RELEASE ON BEHALF OF A USER	US	14/483682	11-Sep-14	20160080318	17-Mar-16	9756148	05-Sep-17
MU-MIMO IMPLEMENTATION WITH CONFIGURABLE ANTENNA SYSTEM	US	14/256827	18-Apr-14	20150304011	22-Oct-15	9553650	24-Jan-17
DYNAMIC CONTROL OF CHANNEL SOUNDING FOR TRANSMIT BEAMFORMING	US	14/445891	29-Jul-14	20160036572	04-Feb-16	9571249	14-Feb-17
DYNAMIC ADAPTIVE APPROACH FOR FAILURE DETECTION OF NODE IN A CLUSTER	US	14/524698	27-Oct-14	20160117213	28-Apr-16		
TESTING BY SIMULATION USING VARIATIONS OF REAL-TIME TRAFFIC	US	14/445961	29-Jul-14	20160036672	04-Feb-16	9306823	05-Apr-16
ACCESS CONTROL IN BLUETOOTH® LOW ENERGY DEVICES	US	14/529930	31-Oct-14	20160128112	05-May-16	9510136	29-Nov-16
Tiered Network Access Based on User Action	US	14/266770	30-Apr-14	20150319102	05-Nov-15	9749826	29-Aug-17
LOCATION DETERMINATION IN WIRELESS NETWORKS	US	14/446468	30-Jul-14	20160037300	04-Feb-16	9439037	06-Sep-16
SESSION AWARE ACCESS POINT LOAD BALANCING	US	14/524743	27-Oct-14	20160119819	28-Apr-16	9713051	18-Jul-17
DISTRIBUTED METHOD FOR CLIENT OPTIMIZATION	US	14/266064	30-Apr-14	20150319657	05-Nov-15	9357458	31-May-16
CLIENT REPUTATION DRIVEN ROLE-BASED ACCESS CONTROL	US	14/445711	29-Jul-14	20160036833	04-Feb-16		
LEAK-PROOF CLASSIFICATION FOR AN APPLICATION SESSION	US	14/530371	31-Oct-14	20160127475	05-May-16		
ADAPTIVE DYNAMIC HOST CONFIGURATION PROTOCOL ASSIGNMENT WITH VIRTUAL LOCAL AREA NETWORK POOL	US	14/263622	28-Apr-14	20150312208	29-Oct-15	9438557	06-Sep-16
SYNTHETIC CLIENT	US	14/447023	30-Jul-14	20160036683	04-Feb-16	9509586	29-Nov-16
DYANMIC USE OF RTS AND/OR CTS FRAMES	US	14/528087	30-Oct-14	20160127947	05-May-16	9516672	06-Dec-16
ANONYMIZATION OF CLIENT DATA	US	14/229814	28-Mar-14	20150278545	01-Oct-15		
ESTIMATING A RELATIVE DIFFERENCE BETWEEN SIGNAL STRENGTHS OF WIRELESS SIGNALS RECEIVED BY A DEVICE	US	14/445635	29-Jul-14	20160037424	04-Feb-16	9775102	26-Sep-17
IGMP/MLD LEAVE UPON CLIENT DISASSOCIATION OR USER IDLE TIMER EXPIRY	US	14/529950	31-Oct-14	20160127221	05-May-16	9455902	27-Sep-16
SELECTION OF ANCHOR CONTROLLERS FOR ACCESS POINTS WITHIN A NETWORK ENVIRONMENT	US	14/261334	24-Apr-14	20150312820	29-Oct-15		
DISTRIBUTED VIRTUAL PRIVATE NETWORK	US	14/446846	30-Jul-14	20160036700	04-Feb-16	9509606	29-Nov-16
METHOD AND SYSTEM FOR CLIENT ASSOCIATION MANAGEMENT BASED ON ESTIMATED SESSION DURATION	US	14/519895	21-Oct-14	20160112520	21-Apr-16		
MULTICAST TRANSMISSIONS IN A NETWORK ENVIRONMENT WITH USER ANCHOR CONTROLLERS	US	14/274399	09-May-14	20150327024	12-Nov-15	9456314	27-Sep-16
ACCESSING SERIAL CONSOLE PORT OF A WIRELESS ACCESS POINT	US	14/445868	29-Jul-14	20160037285	04-Feb-16	9408019	02-Aug-16
METHOD AND APPARATUS FOR DISPLAYING HTTPS BLOCK PAGE WITHOUT SSL INSPECTION	US	14/527245	29-Oct-14	20160127317	05-May-16	9509661	29-Nov-16

SELECTION OF ANCHOR CONTROLLERS FOR CLIENT DEVICES WITHIN A NETWORK ENVIRONMENT	US	14/261339	24-Apr-14	20150312091	29-Oct-15	9306801	05-Apr-16
METHOD AND SYSTEM FOR HANDLING FAILURE IN A COORDINATED MULTICAST STREAMING SYSTEM	US	14/504830	02-Oct-14	20150312140	29-Oct-15		
CONTINUED DEEP PACKET INSPECTION CLASSIFICATION AFTER ROAMING	US	14/446819	30-Jul-14	20160036664	04-Feb-16		
CAUSING CLIENT DEVICE TO REQUEST A NEW INTERNET PROTOCOL ADDRESS BASED ON A LINK LOCAL ADDRESS (as amended)	US	14/517249	17-Oct-14	20160112370	21-Apr-16	9596209	14-Mar-17
DYNAMIC USER-CONFIGURABLE INFORMATION ELEMENT	US	14/340951	25-Jul-14	20160029356	28-Jan-16	9510329	29-Nov-16
TO BE DETERMINED	US						
PRECISE AND CUSTOM LOCATION BASED SERVICE DISCOVERY APPLICATION FOR WIRED AND WIRELESS DEVICES	US	14/266492	30-Apr-14	20150319728	05-Nov-15	9788154	10-Oct-17
PRODUCT IDENTIFICATION BASED ON LOCATION ASSOCIATED WITH IMAGE OF PRODUCT	US	14/340970	25-Jul-14	20160027091	28-Jan-16		
EFFICIENT ROAMING OF MOBILE CLIENTS	US	14/525615	28-Oct-14	20160119838	28-Apr-16	9655038	16-May-17
REVERSE COVERAGE HEAT MAP	US	14/528247	30-Oct-14	20160127926	05-May-16	9632668	25-Apr-17
SYSTEM AND METHODS FOR INFORMATION COLLECTION AND PROCESSING FOR LOCATION ESTIMATION IN MIMO WIRELESS NETWORKS	US	14/446494	30-Jul-14	20160033613	04-Feb-16	9404993	02-Aug-16
ALFORD LOOP ANTENNAS WITH PARASITIC ELEMENTS	US	14/471445	28-Aug-14	20160064830	03-Mar-16	9509062	29-Nov-16
ANTENNA DESIGNS	US	14/471497	28-Aug-14	20160064808	03-Mar-16	9437917	06-Sep-16
DETERIMINING A LOCATION OF A TARGET WIRELESS DEVICE	US	62/060983	07-Oct-14				
SYSTEM AND METHOD FOR MONITORING AND ENFORCING POLICY WITHIN A WIRELESS NETWORK	US	11/171913	29-Jun-05	20050254474	17-Nov-05	7969950	28-Jun-11
SYSTEM AND METHOD FOR MONITORING AND ENFORCING POLICY WITHIN A WIRELESS NETWORK	US	13/168794	24-Jun-11	20110258681	20-Oct-11	9143956	22-Sep-15
SYSTEM AND METHOD FOR CENTRALIZED STATION MANAGEMENT	US	13/460795	30-Apr-12	20120218931	30-Aug-12		
SYSTEM AND METHOD FOR CENTRALIZED STATION MANAGEMENT	US	13/460813	30-Apr-12	20120213159	23-Aug-12	9019911	28-Apr-15
SYSTEM AND METHOD FOR ADVERTISING THE SAME SERVICE SET IDENTIFIER FOR DIFFERENT BASIC SERVICE SETS	US	13/069218	22-Mar-11	20110170528	14-Jul-11	8401554	19-Mar-13
EFFICIENT MULTICAST CONTROL PROCESSING FOR A WIRELESS NETWORK	US	13/491507	07-Jun-12	20120243457	27-Sep-12	8422939	16-Apr-13
SYSTEM AND METHOD FOR ADAPTIVE CHANNEL SCANNING WITHIN A WIRELESS NETWORK	US	14/472712	29-Aug-14	20140369337	18-Dec-14	9357371	31-May-16
WIRELESS LINK MONITORING AND ACTIVE TROUBLESHOOTING	US	14/198476	05-Mar-14	20140185485	03-Jul-14	9432962	30-Aug-16
STATELESS CRYPTOGRAPHIC PROTOCOL-BASED HARDWARE ACCELERATION	US	13/069221	22-Mar-11	20110173439	14-Jul-11	8392968	05-Mar-13
VLAN TUNNELING	US	13/417054	09-Mar-12	20120166804	28-Jun-12		

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WIRELESS ROAMING WITH QOS AND DYNAMIC CALL CAPACITY MANAGEMENT	US	11/528962	27-Sep-06	20080068991	20-Mar-08	8625417	07-Jan-14
SYSTEM AND METHOD FOR RELIABLE MULTICAST TRANSMISSIONS OVER SHARED WIRELESS MEDIA FOR SPECTRUM EFFICIENCY AND BATTERY POWER CONSERVATION	US	11/586017	24-Oct-06	20080062948	13-Mar-08	8731594	20-May-14
SYSTEM AND METHOD FOR RELIABLE MULTICAST OVER SHARED WIRELESS MEDIA FOR SPECTRUM EFFICIENCY AND BATTERY POWER CONSERVATION	US	11/586025	24-Oct-06	20080062923	13-Mar-08		
DETERMINATION OF MULTICAST AND CODING RATE	US	14/282846	20-May-14	20140254464	11-Sep-14		
SYSTEM AND METHOD FOR EXTENDING BATTERY LIFE	US	13/016530	28-Jan-11	20110122804	26-May-11	9059861	16-Jun-15
ANALYSIS OF ENCRYPTED STREAMING MEDIA TRAFFIC	US	11/520001	12-Sep-06			8539064	17-Sep-13
WIRELESS AD HOC NETWORK SECURITY	US	11/544454	06-Oct-06			7885602	08-Feb-11
SECURELY VIRTUALIZATING NETWORK SERVICES	US	14/578788	22-Dec-14	20150229606	13-Aug-15	9325666	26-Apr-16
ENTERPRISE SEAMLESS MOBILITY	US	12/168756	07-Jul-08	20090163232	25-Jun-09	8712452	29-Apr-14
SYSTEM AND METHODS FOR ENABLING SIMULTANEOUS TRANSMIT AND RECEIVE IN THE SAME WIFI BAND WITHIN A DEVICE	US	14/170287	31-Jan-14	20140355491	04-Dec-14		
ASSIGNING SLOTS IN A MESH NETWORK	US	13/285963	31-Oct-11	20120039218	16-Feb-12	8902903	02-Dec-14
WIRELESS MACRO CELL OVERLAY	US	13/249971	30-Sep-11	20120020344	26-Jan-12	9014706	21-Apr-15
CLIENT BALANCING IN WIRELESS NETWORKS	US	13/417080	09-Mar-12	20120170455	05-Jul-12	9100895	04-Aug-15
SYNCHRONIZATION OF MOBILE CLIENT MULTICAST	US	13/968256	15-Aug-13	20130336194	19-Dec-13	9167543	20-Oct-15
INITIATING PEER-TO-PEER TUNNELS	US	13/233976	15-Sep-11	20120072532	22-Mar-12	8788700	22-Jul-14
WIRELESS CLIENT POSITION ESTIMATING SYSTEM AND METHOD	US	12/239199	26-Sep-08	20090082034	26-Mar-09	8520647	27-Aug-13
WIRELESS CLIENT POSITION ESTIMATING SYSTEM AND METHOD	US	13/953671	29-Jul-13	20140031062	30-Jan-14	9510315	29-Nov-16
METHODS, APPARATUSES AND SYSTEMS FACILITATING MANAGEMENT OF AIRSPACE IN WIRELESS COMPUTER NETWORK ENVIRONMENTS	US	14/051377	10-Oct-13	20140036841	06-Feb-14	9356761	31-May-16
Method For Detecting Rogue Devices Operating In Wireless And Wired Computer Network Environments	US	12/401553	10-Mar-09	20090235354	17-Sep-09	9137670	15-Sep-15
AGGREGATING MULTIPLE WIRELESS CHANNELS	US	13/011708	21-Jan-11	20110182289	28-Jul-11	8705580	22-Apr-14
AGGREGATING MULTIPLE WIRELESS CHANNELS	US	14/258203	22-Apr-14	20140226644	14-Aug-14	9060323	16-Jun-15
DETERMINING WLAN EDGES	US	13/023395	08-Feb-11	20110194442	11-Aug-11	8755272	17-Jun-14
DETERMINING WLAN EDGES	US	14/307088	17-Jun-14	20140293966	02-Oct-14	9173189	27-Oct-15
INTERFERENCE CLASSIFICATION WITH MINIMAL OR INCOMPLETE INFORMATION	US	13/016458	28-Jan-11	20110188544	04-Aug-11	8660212	25-Feb-14
INTERFERENCE CLASSIFICATION WITH MINIMAL OR INCOMPLETE INFORMATION	US	14/185845	20-Feb-14	20140169432	19-Jun-14	9130871	08-Sep-15
SPECTRUM-AWARE RF MANAGEMENT AND AUTOMATIC CONVERSION OF ACCESS	US	13/080548	05-Apr-11	20110243021	06-Oct-11	8885499	11-Nov-14

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Title							
POINTS TO SPECTRUM MONITORS AND HYBRID MODE ACCESS POINTS							
DISPLAYING A WIDEBAND SPECTRUM USING A NARROWBAND RECEIVER	US	13/080552	05-Apr-11	20110242984	06-Oct-11	8625436	07-Jan-14
MEASURING AND DISPLAYING WIRELESS NETWORK QUALITY	US	13/080539	05-Apr-11	20110243020	06-Oct-11	9167457	20-Oct-15
SPECTRUM-AWARE RF MANAGEMENT AND AUTOMATIC CONVERSION OF ACCESS POINTS TO SPECTRUM MONITORS AND HYBRID MODE ACCESS POINTS	US	14/536891	10-Nov-14	20150131467	14-May-15	9549332	17-Jan-17
METHOD AND SYSTEM FOR AGGREGATING WIFI SIGNAL DATA AND NON-WIFI SIGNAL DATA	US	14/149735	07-Jan-14	20140153428	05-Jun-14	9521566	13-Dec-16
METHOD AND SYSTEM FOR CREATING AND DEPLOYING A MESH NETWORK	US	11/202258	10-Aug-05	20060089148	27-Apr-06	7415278	19-Aug-08
METHOD AND SYSTEM FOR DISTRIBUTED ROAMING SERVICES FOR MOBILE USERS ON WIRELESS MESH NETWORKS	US	11/286069	23-Nov-05	20060234701	19-Oct-06	7711361	04-May-10
METHOD AND SYSTEM FOR CALL ADMISSION CONTROL IN A WIRELESS MESH NETWORK	US	11/768803	26-Jun-07	20090003324	01-Jan-09	8958417	17-Feb-15
METHOD AND SYSTEM FOR RADIO FREQUENCY MANAGEMENT IN A MESH NETWORK WITH A PATH DISTANCE FACTOR	US	12/038592	27-Feb-08	20080219185	11-Sep-08	7958271	07-Jun-11
METHOD AND SYSTEM FOR A RADIO FREQUENCY MANAGEMENT IN A MESH NETWORK WITH A PATH DISTANCE FACTOR	US	13/112698	20-May-11	20110216667	08-Sep-11	8953457	10-Feb-15
SYSTEM AND METHOD FOR QOS PROVISIONING IN BROADBAND WIRELESS MESH NETWORKS	US	12/033828	19-Feb-08	20080198824	21-Aug-08	8570954	29-Oct-13
DETERMINING DISTANCES BETWEEN WIRELESS DEVICES	US	13/892160	10-May-13	20130258889	03-Oct-13		
METHOD & APPARATUS FOR DETECTING AND AVOIDING INTERFERENCE IN A COMMUNICATIONS NETWORK	US	14/258844	22-Apr-14	20140226672	14-Aug-14		
METHOD AND APPARATUS FOR MINIMIZING PACKET TRANSMISSION LOSS IN A WIRELESS NETWORK	CN	200980138232.0	30-Jul-09	102239474	09-Nov-11	102239474	18-Jun-14
SIGNAL STRENGTH AWARE BAND STEERING	US	14/228713	28-Mar-14	20140211716	31-Jul-14	9473285	18-Oct-16
DEVICE ABSTRACTION IN AUTONOMOUS WIRELESS LOCAL AREA NETWORKS	US	14/029695	17-Sep-13	20150032861	29-Jan-15	9712383	18-Jul-17
BALANCING LOAD ACROSS RADIO FREQUENCY CHANNELS	US	14/275697	12-May-14	20140254362	11-Sep-14		
AUTHENTICATING AN EPHEMERAL DIFFIE-HELLMAN USING A TRUSTED THIRD PARTY	US	13/661920	26-Oct-12	20130111209	02-May-13	8750512	10-Jun-14
METHOD FOR PROVISIONING POLICY ON USER DEVICES IN WIRED AND WIRELESS NETWORKS	US	11/959863	19-Dec-07	20080168547	10-Jul-08	8051464	01-Nov-11
METHOD AND APPARATUS FOR POLICY-BASED NETWORK ACCESS CONTROL WITH ARBITRARY NETWORK ACCESS CONTROL FRAMEWORKS	US	11/966837	28-Dec-07	20080163340	03-Jul-08	8245281	14-Aug-12
SYSTEM AND METHOD FOR PROVISIONING A UNIQUE DEVICE CREDENTIAL	PCT	PCT/US2013/028391	28-Feb-13	WO2013/151639	10-Oct-13		
Overlaying Virtual Broadcast Domains On An Underlying Physical Network	US	14/086918	21-Nov-13	20140321445	30-Oct-14	9344858	17-May-16

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OVERLAYING VIRTUAL BROADCAST DOMAINS ON AN UNDERLYING PHYSICAL NETWORK	PCT	PCT/US2013/051907	24-Jul-13	WO2014/022177	06-Feb-14		
METHOD AND SYSTEM FOR USING A MINIMUM SENSITIVITY THRESHOLD FOR RECEIVING WIRELESS SIGNALS	US	14/536931	10-Nov-14	20150133063	14-May-15	9332457	03-May-16
SYSTEM, METHOD, ANDCOMPUTER READABLE MEDIUM FOR ESTABLISHING A SECURITYCONTROLLED CONNECTION (As Amended)	US	14/029703	17-Sep-13	20140192634	10-Jul-14		
HOME VIRTUAL LOCAL AREA NETWORK IDENTIFICATION FOR ROAMING MOBILE CLIENTS	US	13/968276	15-Aug-13	20140119354	01-May-14	9060331	16-Jun-15
SYSTEM FOR CONNECTING USERS WITH LOCATION SPECIFIC INFORMATION FROM OFFICIAL AND UNOFFICIAL SOURCES	US	10/801522	12-Mar-04			7218941	15-May-07
LOCATION DETECTION IN WIRELESS COMMUNICATION NETWORKS	US	13/941380	12-Jul-13	20140031067	30-Jan-14	9301098	29-Mar-16
DISTRIBUTED LINK AGGREGATION	US	12/767174	26-Apr-10	20110261827	27-Oct-11	8369296	05-Feb-13
MULTICASTING USING A MULTITIERED DISTRIBUTED VIRTUAL BRIDGE HIERARCHY	US	13/485766	31-May-12	20120236858	20-Sep-12	8594090	26-Nov-13
DISTRIBUTED VIRTUAL BRIDGE MANAGEMENT	US	12/763306	20-Apr-10	20110258340	20-Oct-11	8489763	16-Jul-13
DATA FRAME FORWARDING USING A DISTRIBUTED VIRTUAL BRIDGE	US	12/751249	31-Mar-10	20110243134	06-Oct-11	8594100	26-Nov-13
Forwarding Data Frames With a Distributed Fiber Channel Forwarder	US	12/765128	22-Apr-10	20110261826	27-Oct-11	8619796	31-Dec-13
METHOD AND SYSTEM FOR AUTOMATING CONFIGURATION OF STORAGE AREA NETWORK	JP	2001-313740	11-Oct-01	2002222109	09-Aug-02	4195209	03-Oct-08
Apparatus, system, and method for authorized remote access to a target system	CN	200410057406.X	12-Aug-04	1592191	09-Mar-05	100536388	02-Sep-09
APPARATUS, SYSTEM, AND METHOD FOR AUTHORIZED REMOTE ACCESS TO A TARGET SYSTEM	JP	2004233238	10-Aug-04	2005063439	10-Mar-05	4016019	21-Sep-07
Apparatus, system, and method for authorized remote access to a target system	TW	093124219	12-Aug-04	200533138	01-Oct-05	I329444	21-Aug-10
LOCATION BASED COMPUTERIZED SYSTEM AND METHOD THEREOF	US	13/417338	12-Mar-12	20120231816	13-Sep-12		
TRAFFIC FORWARDING IN MESH NETWORKS	US	12/565490	23-Sep-09	20110069686	24-Mar-11	9014156	21-Apr-15
DETECTING UNAUTHORIZED ROUTER ACCESS POINTS OR ROGUE APS IN THE WIRED NETWORK	US	13/016490	28-Jan-11	20110191827	04-Aug-11		
CORRELATING DATA FROM MULTIPLE SPECTRUM MONITORS	US	13/179057	08-Jul-11	20120008514	12-Jan-12	9014021	21-Apr-15
OBTAINING A MAC ADDRESS FROM AN EXTERNAL SOURCE	US	14/170541	31-Jan-14	20150081867	19-Mar-15	9634987	25-Apr-17
SYSTEM, APPARATUS AND METHOD FOR MANAGING CLIENT DEVICES WITHIN A WIRELESS NETWORK	US	14/065326	28-Oct-13	20140059218	27-Feb-14	9326313	26-Apr-16
DEVICE AND METHOD FOR SPLIT DNS COMMUNICATIONS	US	13/407451	28-Feb-12	20130111066	02-May-13	9515988	06-Dec-16
HYBRID WIRELESS VIRTUALIZATION ARCHITECTURE	US	13/489253	05-Jun-12	20130100807	25-Apr-13	9143916	22-Sep-15
MITIGATING INTERFERENCE IN WIRELESS SYSTEMS	US	14/164059	24-Jan-14	20140348004	27-Nov-14	9577796	21-Feb-17

METHOD AND SYSTEM FOR PARTITIONING WIRELESS LOCAL AREA NETWORK	US	13/414405	07-Mar-12	20130201978	08-Aug-13	9730269	08-Aug-17
SYSTEM AND METHOD FOR DYNAMIC RATE ADAPTATION BASED ON REAL-TIME CALL QUALITY METRICS	US	13/929517	27-Jun-13	20140003236	02-Jan-14	9439100	06-Sep-16
SYSTEM AND METHOD FOR COMPUTING COVERAGE SET AND RESOURCE ALLOCATIONS IN WIRELESS NETWORKS	US	13/563500	31-Jul-12	20140036787	06-Feb-14	9014112	21-Apr-15
SYSTEM AND METHOD FOR COMPUTING COVERAGE SET AND RESOURCE ALLOCATIONS IN WIRELESS NETWORKS	US	13/563610	31-Jul-12	20140036788	06-Feb-14	9060279	16-Jun-15
DYNAMIC BEAMFORMING CONFIGURATION BASED ON NETWORK CONDITIONS	US	13/857314	05-Apr-13	20140269370	18-Sep-14	9503915	22-Nov-16
CHANNEL WIDTH CONFIGURATION BASED ON NETWORK CONDITIONS	US	13/857321	05-Apr-13	20140269280	18-Sep-14	9467873	11-Oct-16
SESSION-BASED FORWARDING	US	13/918748	14-Jun-13	20140153577	05-Jun-14		
RATE LIMITING MECHANISM BASED ON DEVICE LOAD/CAPACITY OR TRAFFIC CONTENT	US	13/918760	14-Jun-13	20140153422	05-Jun-14	9467326	11-Oct-16
ENHANCED SERIALIZATION MECHANISM	US	13/928300	26-Jun-13	20140157365	05-Jun-14	9065701	23-Jun-15
CONTROL PLANE PROTECTION FOR VARIOUS TABLES USING STORM PREVENTION ENTRIES	US	13/918770	14-Jun-13	20140156720	05-Jun-14	9800503	24-Oct-17
SYSTEM AND METHOD FOR MESSAGE HANDLING IN A NETWORK DEVICE	US	13/918732	14-Jun-13	20140156765	05-Jun-14		
SYSTEM AND METHOD FOR MAINTAINING CAPTIVE PORTAL USER AUTHENTICATION	US	14/018129	04-Sep-13	20140157376	05-Jun-14	9100242	04-Aug-15
DYNAMIC DETERMINATION OF TRANSMISSION PARAMETERS BASED ON PACKET PRIORITY AND NETWORK CONDITIONS	US	14/169037	30-Jan-14	20140146677	29-May-14	9515941	06-Dec-16
METHOD AND SYSTEM FOR PRIORITIZING NETWORK PACKETS	US	14/169026	30-Jan-14	20140146676	29-May-14	9571404	14-Feb-17
DETERMINING TRANSMISSION PARAMETERS FOR TRANSMITTING BEACON FRAMES	US	14/478071	05-Sep-14	20140376537	25-Dec-14		
DETERMINING TRANSMISSION PARAMETERS FOR TRANSMITTING BEACON FRAMES	US	14/478053	05-Sep-14	20140369248	18-Dec-14	9661614	23-May-17
SYSTEM AND METHOD FOR APPLICATION USAGE CONTROLS THROUGH POLICY ENFORCEMENT	US	13/971759	20-Aug-13	20140173700	19-Jun-14	9326145	26-Apr-16
SYSTEM AND METHOD FOR THE AUTOMATED CONTAINMENT OF AN UNAUTHORIZED ACCESS POINT IN A COMPUTING NETWORK	US	14/204797	11-Mar-14	20140282905	18-Sep-14		
ZERO TOUCH PROVISIONING	US	13/829065	14-Mar-13	20140122674	01-May-14	9325575	26-Apr-16
CLOUD-BASED FIRMWARE DISTRIBUTION SERVICE	US	13/829173	14-Mar-13	20140123124	01-May-14	9015694	21-Apr-15
APPLICATION BASED POLICY ENFORCEMENT	US	14/067864	30-Oct-13	20140130118	08-May-14	9356964	31-May-16
SYSTEM AND METHOD FOR ACHIEVING ENHANCED PERFORMANCE WITH MULTIPLE NETWORKING CENTRAL PROCESSING UNIT (CPU) CORES	US	13/692622	03-Dec-12	20140156954	05-Jun-14	9015438	21-Apr-15
METHOD AND APPARATUS FOR PACKET AGGREGATION IN A NETWORK CONTROLLER	US	13/931612	28-Jun-13	20140269766	18-Sep-14	9125089	01-Sep-15
APPARATUS, SYSTEM AND METHOD FOR SUPPRESSING ERRONEOUS REPORTING OF ATTACKS ON A WIRELESS NETWORK	US	13/928150	26-Jun-13	20140283062	18-Sep-14	9398039	19-Jul-16

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METHOD AND SYSTEM FOR DYNAMIC DETERMINATION OF POTENTIAL ACCESS POINTS FOR PROPAGATING CLIENT INFORMATION	US	14/204777	11-Mar-14	20140274037	18-Sep-14	9578487	21-Feb-17
SYSTEM AND METHOD FOR OFFLOADING CRYPTOGRAPHIC FUNCTIONS TO SUPPORT A LARGE NUMBER OF CLIENTS IN A WIRELESS ACCESS POINT	US	13/931628	28-Jun-13	20140281488	18-Sep-14		
PROVISIONING DEVICES FOR SECURE WIRELESS LOCAL AREA NETWORKS	US	14/068552	31-Oct-13	20150113277	23-Apr-15	9515824	06-Dec-16
SYSTEM AND METHOD FOR ADVERTISING THE SAME SERVICE SET IDENTIFIER FOR DIFFERENT BASIC SERVICE SETS	US	13/757308	01-Feb-13	20130148581	13-Jun-13	8483169	09-Jul-13
EFFICIENT MULTICAST CONTROL PROCESSING FOR A WIRELESS NETWORK	US	13/802031	13-Mar-13	20130215815	22-Aug-13	8655265	18-Feb-14
STATELESS CRYPTOGRAPHIC PROTOCOL-BASED HARDWARE ACCELERATION	US	13/781490	28-Feb-13	20130179678	11-Jul-13	8838957	16-Sep-14
WIRELESS AD HOC NETWORK SECURITY	US	13/010436	20-Jan-11	20110113243	12-May-11	8145131	27-Mar-12
INITIATING PEER-TO-PEER TUNNELS	US	14/295143	03-Jun-14	20140289338	25-Sep-14	9456033	27-Sep-16
A method and system for creating and deploying a mesh network	CN	200580000836.0	13-Oct-05	1823504	23-Aug-06	100493012	27-May-09
A METHOD AND SYSTEM FOR CREATING AND DEPLOYING A MESH NETWORK	EP	05810087.6	13-Oct-05	1810530	25-Jul-07		
METHOD AND SYSTEM FOR CREATING AND DEPLOYING A MESH NETWORK	JP	2007-538964	13-Oct-05	2008518557	29-May-08	4839316	07-Oct-11
METHOD AND SYSTEM FOR CREATING AND DEPLOYING A MESH NETWORK	US	12/169215	08-Jul-08	20080267124	30-Oct-08	7979074	12-Jul-11
A METHOD AND SYSTEM FOR CALL ADMISSION CONTROL IN A WIRELESS MESH NETWORK	CN	200780049943.1	03-Jul-07	101584237	18-Nov-09	101584237	29-May-13
METHOD AND SYSTEM FOR A RADIO FREQUENCY MANAGEMENT IN A MESH NETWORK WITH A PATH DISTANCE FACTOR	US	13/112715	20-May-11	20110222435	15-Sep-11	8611256	17-Dec-13
METHOD AND APPARATUS FOR MINIMIZING PACKET TRANSMISSION LOSS IN A WIRELESS NETWORK	DE	09803572.8	30-Jul-09	2332045	15-Jun-11	602009014745.5	03-Apr-13
METHOD&APPARATUS FOR MINIMIZING PACKET TRANSMISSION LOSS IN A WIRELESS NETWORK	EP	09803572.8	30-Jul-09	2332045	15-Jun-11	2332045	03-Apr-13
METHOD&APPARATUS FOR MINIMIZING PACKET TRANSMISSION LOSS IN A WIRELESS NETWORK	GB	09803572.8	30-Jul-09	2332045	15-Jun-11	2332045	03-Apr-13
METHOD AND APPARATUS FOR POLICY-BASED NETWORK ACCESS CONTROL WITH ARBITRARY NETWORK ACCESS CONTROL FRAMEWORKS	US	13/549244	13-Jul-12	20130042002	14-Feb-13	8713639	29-Apr-14
Method and system for an adaptive wireless routing protocol in a mesh network	JP	2008-543580	30-Nov-06	2009518891	07-May-09	5087553	14-Sep-12
Steering data communications packets for multiple data processing applications	CN	201080013381.7	04-Mar-10	102362469	22-Feb-12	102362469	26-Mar-14
STEERING DATA COMMUNICATIONS PACKETS FOR MULTIPLE DATA PROCESSING APPLICATIONS	JP	2012-501226	04-Mar-10	2012521698	13-Sep-12	5520364	11-Apr-14
METHOD AND SYSTEM FOR PARTITIONING WIRELESS LOCAL AREA NETWORK	US	13/414548	07-Mar-12	20130201979	08-Aug-13	9756682	05-Sep-17

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BAND STEERING FOR MULTI-BAND WIRELESS CLIENTS	US	13/156215	08-Jun-11	20110235591	29-Sep-11	8699418	15-Apr-14
BAND STEERING FOR MULTI-BAND WIRELESS CLIENTS	US	13/363309	31-Jan-12	20120243474	27-Sep-12	9432848	30-Aug-16
BAND STEERING FOR MULTI-BAND WIRELESS CLIENTS	PCT	PCT/US2013/024218	31-Jan-13	WO2013/116564	08-Aug-13		
Forming method for predetermined pattern, forming method for colored layer, and manufacturing method for electro-optical device	CN	200810002411.9	07-Jan-08	CN101226252	23-Jul-08	101226252	06-Apr-11
Method and data processing system for determining user specific usage of a network	CN	200710007027.3	07-Feb-07	CN101026495	29-Aug-07	100542104	16-Sep-09
DELIVERING AND MANAGING MULTICAST TRAFFIC OVER WIRELESS LANS (as amended)	US	12/947652	16-Nov-10	20120106547	03-May-12	9729337	08-Aug-17
SYSTEM AND METHOD FOR ADVERTISING THE SAME SERVICE SET IDENTIFIER FOR DIFFERENT BASIC SERVICE SETS	US	13/910976	05-Jun-13	20130265943	10-Oct-13	8654732	18-Feb-14
SYSTEM AND METHOD FOR ADVERTISING THE SAME SERVICE SET IDENTIFIER FOR DIFFERENT BASIC SERVICE SETS	US	14/162374	23-Jan-14	20140140275	22-May-14		
WIRELESS AD HOC NETWORK SECURITY	US	13/429110	23-Mar-12	20120240239	20-Sep-12	8428516	23-Apr-13
APPARATUS AND METHOD FOR PRODUCING A MULTI-PATTERN WIRELESS FRAME	US	13/545851	10-Jul-12	20120281785	08-Nov-12	9041604	26-May-15
INITIATING PEER-TO-PEER TUNNELS	US	14/293352	02-Jun-14	20140280733	18-Sep-14	9444888	13-Sep-16
METHOD AND SYSTEM FOR CREATING AND DEPLOYING A MESH NETWORK	US	13/118051	27-May-11	20110228736	22-Sep-11	8315638	20-Nov-12
METHOD, DEVICE AND SYSTEM FOR ETHERNET SUPPORTING SOURCE SPECIFIC MULTICAST FORWARDING	CN	200780000410.4	01-Aug-07	101317406	03-Dec-08		
METHOD AND SYSTEM FOR RADIO FREQUENCY MANAGEMENT IN A MESH NETWORK WITH A PATH DISTANCE FACTOR	CN	200880006458	27-Feb-08	101669326	10-Mar-10	101669326	12-Nov-14
Method & Apparatus for Detecting and Avoiding Interference in a Communications Network	CN	201310031425.4	11-Nov-08	103220734	24-Jul-13		
METHOD AND APPARATUS FOR POLICY-BASED NETWORK ACCESS CONTROL WITH ARBITRARY NETWORK ACCESS CONTROL FRAMEWORKS	US	14/265014	29-Apr-14	20140237543	21-Aug-14		
SYSTEM AND METHOD FOR PROVISIONING A UNIQUE DEVICE CREDENTIALS	US	13/762097	07-Feb-13	20130269011	10-Oct-13	9049184	02-Jun-15
TECHNIQUE FOR ADDRESSING A CLUSTER OF NETWORK SERVERS	US	12/332196	10-Dec-08	20090144444	04-Jun-09	7991914	02-Aug-11
METHOD AND SYSTEM FOR TRANSMITTING INFORMATION ACROSS A FIREWALL	US	11/877352	23-Oct-07	20080130897	05-Jun-08	8006296	23-Aug-11
PROVISIONING REMOTE ACCESS POINTS	US	14/084325	19-Nov-13	20140082060	20-Mar-14	9509746	29-Nov-16
SECURE HOTSPOT ROAMING	US	13/691360	30-Nov-12	20130100857	25-Apr-13		
METHOD AND SYSTEM FOR DYNAMIC METRIC AND WIRELESS HELLO PROTOCOL	CN	201110138704.1	03-Jul-07	102256328	23-Nov-11		
BAND STEERING FOR MULTI-BAND WIRELESS CLIENTS	US	12/099680	08-Apr-08	20090252097	08-Oct-09		
SYSTEM AND METHOD FOR CENTRALIZED STATION MANAGEMENT	US	13/168789	24-Jun-11	20110258696	20-Oct-11	8750272	10-Jun-14
METHOD FOR CONSTRAINING, SPLITTING, AND/OR DISRUPTING A WIRELESS ADHOC	US	60/725748	11-Oct-05				

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NETWORK AS A THIRD PARTY TO THE NETWORK							
Cellular Mesh Architecture	US	60/622223	27-Oct-04				
METHOD AND SYSTEM FOR RADIO FREQUENCY MANAGEMENT PATH DISTANCE FACTOR IN A MESH NETWORK	US	60/891838	27-Feb-07				
METHOD & APPARATUS FOR DETECTING AND AVOIDING INTERFERENCE IN A COMMUNICATIONS NETWORK	PCT	PCT/US2008/083081	11-Nov-08	WO2009/067352	28-May-09		
DRAWING METHOD, FORMING METHOD OF COLORED LAYER, AND MANUFACTURING METHOD OF ELECTROOPTICAL APPARATUS	JP	2007002023	10-Jan-07	2008-170571	24-Jul-08	4285544	03-Apr-09
METHOD AND APPARATUS FOR POLICY-BASED NETWORK ACCESS CONTROL WITH ARBITRARY NETWORK ACCESS CONTROL FRAMEWORKS	US	60/882848	29-Dec-06				
TECHNIQUE FOR ADDRESSING A CLUSTER OF NETWORK SERVERS	US	10/676456	30-Sep-03	20040133690	08-Jul-04	7480737	20-Jan-09
METHOD AND SYSTEM FOR TRANSMITTING INFORMATION ACROSS A FIREWALL	US	10/290416	07-Nov-02	20030126230	03-Jul-03	7316028	01-Jan-08
PROVISIONING REMOTE ACCESS POINTS	US	12/477774	03-Jun-09	20100313262	09-Dec-10		
SECURE HOTSPOT ROAMING	US	61/324959	16-Apr-10				
MANAGING MULTICAST MEMBERSHIP IN WIRELESS LANS	US	12/916273	29-Oct-10	20120106425	03-May-12		
METHOD AND SYSTEM FOR DYNAMIC METRIC AND WIRELESS HELLO PROTOCOL	US	11/768788	26-Jun-07	20090003366	01-Jan-09	8060649	15-Nov-11
ETHERNET SUPPORTING SOURCE SPECIFIC MULTICAST FORWARDING METHOD AND SYSTEM	CN	200610103987.5	01-Aug-06	101119290	06-Feb-08	101119290	01-Jun-11
METHOD AND SYSTEM FOR RADIO FREQUENCY MANAGEMENT IN A MESH NETWORK WITH A PATH DISTANCE FACTOR	PCT	PCT/US2008/055158	27-Feb-08	WO2008/106530	04-Sep-08		
METHOD & APPARATUS FOR DETECTING AND AVOIDING INTERFERENCE IN A COMMUNICATIONS NETWORK	CN	200880117089.2	11-Nov-08	101878638	03-Nov-10		
SECURE HOTSPOT ROAMING	US	13/088293	15-Apr-11	20110258236	20-Oct-11		
METHOD & APPARATUS FOR MINIMIZING PACKET TRANSMISSION LOSS IN A WIRELESS NETWORK	PCT	PCT/US2009/052179	30-Jul-09	WO2010/014768	04-Feb-10		
A METHOD AND SYSTEM FOR AN ADAPTIVE WIRELESS ROUTING PROTOCOL IN A MESH NETWORK	PCT	PCT/US2006/061434	30-Nov-06	WO2007/079302	12-Jul-07		
A METHOD AND SYSTEM FOR DYNAMIC METRIC AND WIRELESS HELLO PROTOCOL	PCT	PCT/US2007/072781	03-Jul-07	WO2009/002347	31-Dec-08		
Method and apparatus for disposing wireless netted network in urban area circumstance	CN	200810241158.2	26-Dec-08	101442754	27-May-09	101442754	09-Mar-11
A method and system for an adaptive wireless routing protocol in a mesh network	CN	200680008383.0	30-Nov-06	101326773	17-Dec-08	101326773	02-Jan-13
A METHOD AND SYSTEM FOR DYNAMIC METRIC AND WIRELESS HELLO PROTOCOL	CN	200780041079.0	03-Jul-07	101611392	23-Dec-09	101611392	24-Jul-13
A METHOD AND SYSTEM FOR AN ADAPTIVE WIRELESS ROUTING PROTOCOL IN A MESH NETWORK	EP	06849004.4	30-Nov-06	1961173	27-Aug-08		
MANAGING MULTIPLE VIRTUAL AREA NETWORK MEMBERSHIPS	US	14/796476	10-Jul-15	20150319008	05-Nov-15		

SYSTEM AND METHOD FOR MITIGATING MULTICAST MESSAGE DUPLICATION IN A WIRELESS NETWORK	US	13/460819	30-Apr-12	20130286921	31-Oct-13		
Method and apparatus for facilitating network expansion	US	60/724510	07-Oct-05				
REAL-TIME VISUALIZATION OF WIRELESS NETWORK STATUS	US	12/183982	31-Jul-08	20100027518	04-Feb-10		
POWER SAVING IN WIRELESS NETWORKS	US	12/263207	31-Oct-08	20100113084	06-May-10		
Secure Boot ROM Emulation	US	12/324651	26-Nov-08	20100131694	27-May-10		
Dynamic QOS Tagging for RTP Packets	US	12/916281	29-Oct-10	20120106348	03-May-12		
System and method for mitigating multicast message duplication in a wireless network	EP	13275104.1	30-Apr-13	2661013	06-Nov-13		
Method and apparatus for facilitating network expansion	US	11/298289	09-Dec-05	20070083668	12-Apr-07		
Dynamic QoS tagging for RTP packets	CN	201110336859.6	31-Oct-11	102469027	23-May-12		
Dynamic qos tagging for rtp packets	EP	11187336.0	31-Oct-11	2448177	02-May-12	2448177	11-Dec-13
DYNAMIC QOS TAGGING FOR RTP PACKETS	JP	2011-252034	31-Oct-11	2012100274	24-May-12		
Dynamic qos tagging for rtp packets	DE	11187336.0	31-Oct-11	2448177	02-May-12	2448177	11-Dec-13
Dynamic qos tagging for rtp packets	FR	11187336.0	31-Oct-11	2448177	02-May-12	2448177	11-Dec-13
Dynamic qos tagging for rtp packets	GB	11187336.0	31-Oct-11	2448177	02-May-12	2448177	11-Dec-13
Dynamic qos tagging for rtp packets	IE	11187336.0	31-Oct-11	2448177	02-May-12	2448177	11-Dec-13
OVERLAYING VIRTUAL BROADCAST DOMAINS ON AN UNDERLYING PHYSICAL NETWORK	DE	112013003812.9	24-Jul-13	112013003812	06-Aug-15		
OVERLAYING VIRTUAL BROADCAST DOMAINS ON AN UNDERLYING PHYSICAL NETWORK	EP	13826260.5	24-Jul-13	2893726	15-Jul-15		
METHOD AND SYSTEM FOR PREVENTING LOOPS IN MESH NETWORKS	EP	12189599.9	23-Oct-12	2587863	01-May-13		
Method and Device for Controlling Rate of Multi-Service Wireless Network	CN	200810241140.2	31-Dec-08	101772072	07-Jul-10		
METHOD AND SYSTEM DESIGN FOR WIMAX AND WIFI DUAL MODE MESH NETWORKS	US	60/890387	16-Feb-07				
A SYSTEM AND METHOD FOR QOS PROVISIONING IN BROADBAND WIRELESS MESH NETWORKS	PCT	PCT/US2008/054330	19-Feb-08	WO/2008/101255	21-Aug-08		
A system and method for qos provisioning in broadband wireless mesh networks	CN	200880005073.2	19-Feb-08	101647236	10-Feb-10		
Distributed roaming services for mobile users on wireless mesh networks	US	60/630267	24-Nov-04				
A METHOD AND SYSTEM FOR DISTRIBUTED ROAMING SERVICES FOR MOBILE USERS IN WIRELESS MESH NETWORKS	PCT	PCT/US2005/042557	23-Nov-05	WO2006/058128	01-Jun-06		
A METHOD AND SYSTEM FOR CREATING AND DEPLOYING A MESH NETWORK	PCT	PCT/US2005/036689	13-Oct-05	WO2006/049829	11-May-06		
A METHOD AND SYSTEM FOR DISTRIBUTED ROAMING SERVICES FOR MOBILE USERS IN WIRELESS MESH NETWORKS	EP	05825355.0	23-Nov-05	1820357	22-Aug-07		
A METHOD AND SYSTEM FOR DISTRIBUTED ROAMING SERVICES FOR MOBILE USERS IN WIRELESS MESH NETWORKS	JP	2007-543476	23-Nov-05	2008-538260	16-Oct-08	5258083	02-May-13
CORRELATING DATA FROM MULTIPLE SPECTRUM MONITORS	US	61/363108	09-Jul-10				

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SYSTEM AND METHOD FOR CONVEYING INFORMATION USING BROADCAST FRAMES	US	62/073744	31-Oct-14				
POWER SAVE AWARE MULTICAST SUPPORT	US	62/073820	31-Oct-14				
ACCESS CONTROL THROUGH DYNAMIC GROUPING	IN	981/CHE/2015	28-Feb-15				
Method and Apparatus for Inferring Wireless Scan Information without Performing Scanning or Performing Limited Scanning	US	14/609218	29-Jan-15	20160227473	04-Aug-16		
AUTHENTICATION SURVIVABILITY FOR ASSIGNING ROLE AND VLAN BASED ON CACHED RADIUS ATTRIBUTES	US	14/610033	30-Jan-15	20160226848	04-Aug-16	9531700	27-Dec-16
ADAPTIVE RESOURCE ALLOCATION IN CONGESTED WIRELESS LOCAL AREA NETWORK DEPLOYMENT	US	14/610624	30-Jan-15	20160227552	04-Aug-16	9736719	15-Aug-17
DYNAMIC DETECTION AND APPLICATION-BASED POLICY ENFORCEMENT OF PROXY CONNECTIONS	US	14/610637	30-Jan-15	20160226825	04-Aug-16		
GUEST WIFI AUTHENTICATION BASED ON PHYSICAL PROXIMITY	US	14/611158	30-Jan-15			9455964	27-Sep-16
TECHNIQUES FOR MANAGING CLIENT DEVICE ACCESS TO A NETWORK RESOURCE	US	14/634026	27-Feb-15				
OPTIMIZING THE USE OF SHARED RADIO FREQUENCY MEDIUM USING INTELLIGENT SUPPRESSION OF PROBE REQUEST FRAMES	US	14/634469	27-Feb-15			9622269	11-Apr-17
ARCHITECTURE OF MANAGING BEACONS USING ACCESS POINTS	US	14/634572	27-Feb-15			9736870	15-Aug-17
SLEEP CONTROL FOR NETWORK OF BLUETOOTH LOW ENERGY DEVICES	US	14/634624	27-Feb-15			9282582	08-Mar-16
SLEEP CONTROL FOR NETWORK OF BLUETOOTH LOW ENERGY DEVICES	US						
CLIENT ASSOCIATION MANAGEMENT FOR IMPROVING MU-MIMO TRANSMISSIONS	US	14/658734	16-Mar-15	20160277972	22-Sep-16		
PEER-TO-PEER FORWARDING FOR PACKET-SWITCHED TRAFFIC	US	14/664561	20-Mar-15	20160278145	22-Sep-16		
BALANCING CLIENTS ACROSS BANDS IN A SINGLE ACCESS POINT	US	14/664692	20-Mar-15	20170251402	31-Aug-17		
SYSTEM AND METHOD FOR COMPUTING COVERAGE SET AND RESOURCE ALLOCATION IN WIRELESS NETWORKS	US	14/685563	13-Apr-15	20150223249	06-Aug-15	9655120	16-May-17
Dynamic download and enforcement of network access role based on network login context	US	14/688904	16-Apr-15				
CORRELATING DATA FROM MULTIPLE SPECTRUM MONITORS	US	14/691462	20-Apr-15	20150230110	13-Aug-15	9479954	25-Oct-16
CALIBRATION OF WIRELESS NETWORK'S SIGNAL STRENGTH MAP DATABASE FOR INDOOR LOCATING TECHNIQUES	US	14/691760	21-Apr-15	20160316342	27-Oct-16		
METHOD AND APPARATUS FOR AVOIDING DOUBLE-ENCRYPTION IN SITE-TO-SITE IPSEC VPN CONNECTIONS	US	14/693817	22-Apr-15	20160315920	27-Oct-16	9712504	18-Jul-17
PERIODIC HIGH POWER BEACON BROADCASTS	US	14/634655	27-Feb-15	20160128105	05-May-16	9386610	05-Jul-16
SYSTEM AND METHOD FOR CONTROLLING SELECTION OF NETWORK DEVICES FOR BEAMFORMING	US	14/697383	27-Apr-15	20160315672	27-Oct-16	9673874	06-Jun-17

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METHOD AND APPARATUS FOR USING CALL ADMISSION CONTROL FOR CLIENT BALANCING	US	14/699209	29-Apr-15	20160323780	03-Nov-16	9635586	25-Apr-17
MULTI-FACTOR AUTHORIZATION FOR IEEE 802.1X-ENABLED NETWORKS	US	14/699420	29-Apr-15	20160323265	03-Nov-16		
WIRELESS CLIENT TRAFFIC CONTINUITY ACROSS CONTROLLER FAILOVER AND LOAD-BALANCING	US	14/699879	29-Apr-15	20160323791	03-Nov-16		
WIRELESS CLIENT SESSION CONTINUITY ACROSS CONTROLLER FAILOVER AND LOAD-BALANCING	US	14/699893	29-Apr-15	20160323792	03-Nov-16		
RADIO PROPERTY BASED ACCESS POINT LOAD BALANCING IN CONTROLLER CLUSTER	US	14/700442	30-Apr-15	20160323781	03-Nov-16	9654991	16-May-17
ACCESS CONTROL THROUGH DYNAMIC GROUPING	US	14/700768	30-Apr-15				
Centralized Configuration with Dynamic Distributed Address Management	US	14/701005	30-Apr-15	20150237002	20-Aug-15	9787632	10-Oct-17
RF SIGNATURE-BASED WLAN IDENTITY MANAGEMENT	US	14/712191	14-May-15				
SYSTEM AND METHOD FOR DETERMINING DETERIORATION IN CALL QUALITY BETWEEN ONE OR MORE WIRELESS END-USERS BASED ON CODEC CHARACTERISTICS	US	14/721083	26-May-15	20160352801	01-Dec-16	9716739	25-Jul-17
DISTRIBUTED CALL ADMISSION CONTROL ON UNITY RADIO IN A CLUSTER DEPLOYMENT	US	14/721944	26-May-15	20160353261	01-Dec-16		
DISTRIBUTED MEDIA CLASSIFICATION ALGORITHM IN A SERVICE CONTROLLER PLATFORM FOR ENHANCED SCALABILITY	US	14/726281	29-May-15	20160352796	01-Dec-16	9769233	19-Sep-17
ENHANCING MU-MIMO TO GROUP CLIENTS ACROSS MULTIPLE BSSIDS FOR A PHYSICAL RADIO	US	14/743734	18-Jun-15	20160373171	22-Dec-16	9634745	25-Apr-17
CACHING AND FORWARDING ROUTER ADVERTISEMENTS	US	14/790187	02-Jul-15				
CACHING AND FORWARDING ROUTER ADVERTISEMENTS	US	14/790326	02-Jul-15				
INFRASTRUCTURE COORDINATED MEDIA ACCESS CONTROL ADDRESS ASSIGNMENT	US	14/792313	06-Jul-15			9584471	28-Feb-17
INFRASTRUCTURE COORDINATED MEDIA ACCESS CONTROL ADDRESS ASSIGNMENT	US	14/792372	06-Jul-15	20170013445	12-Jan-17	9642003	02-May-17
WIRELESS ASSOCIATION TABLE DENIAL OF SERVICE PREVENTION	US	14/792377	06-Jul-15			9674703	06-Jun-17
INFRASTRUCTURE COORDINATED MEDIA ACCESS CONTROL ADDRESS ASSIGNMENT	US	14/792383	06-Jul-15	20170013448	12-Jan-17		
INFRASTRUCTURE COORDINATED MEDIA ACCESS CONTROL ADDRESS ASSIGNMENT	US	14/792392	06-Jul-15	20170013449	12-Jan-17	9749289	29-Aug-17
USE OF LINK LAYER DISCOVERY PROTOCOL-MEDIA ENDPOINT DISCOVERY TO AVOID FALSE LEGACY POWERED DEVICE DETECTION IN POWER OVER ETHERNET SYSTEMS AND NETWORKS	US	14/792949	07-Jul-15	20170010645	12-Jan-17		
System and Method for Providing Context-Based Anticipatory Dynamic Resource Reservation	US	14/804878	21-Jul-15				
AUTO PROVISION OF BULK ACCESS POINTS	US	14/809143	24-Jul-15	20170026335	26-Jan-17		
AUTO PROVISION OF BULK ACCESS POINTS	US	14/809167	24-Jul-15	20170026234	26-Jan-17		

MU-MIMO IMPLEMENTATION WITH CONFIGURABLE ANTENNA SYSTEM	PCT	PCT/US2015/026717	20-Apr-15	WO2015/161319	22-Oct-15		
DETERMINING LOCATION BASED ON BOTH A DETECTED LOCATION AND A PREDICTED LOCATION	PCT	PCT/US2015/027580	24-Apr-15	WO2015/164782	29-Oct-15		
METHOD AND SYSTEM FOR CLIENT DEVICE LOCALIZATION	PCT	PCT/US2015/027619	24-Apr-15	WO2015/164803	29-Oct-15		
SOFTWARE-DEFINED WIRELESS DEVICE MANAGEMENT	PCT	PCT/US2015/028033	28-Apr-15	WO2015/168148	05-Nov-15		
DETERMINING A LOCATION OF A TARGET WIRELESS DEVICE	US	14/805174	21-Jul-15	20160100286	07-Apr-16		
POWER SAVE AWARE MULTICAST SUPPORT	US	14/610670	30-Jan-15	20160309410	20-Oct-16	9730155	08-Aug-17
SYSTEM AND METHOD FOR DISPLAYING MOBILITY TRAILS FOR MOBILE CLIENTS	US	14/610682	30-Jan-15	20150382148	31-Dec-15	9712975	18-Jul-17
SYSTEM AND METHOD FOR CONVEYING INFORMATION USING BROADCAST FRAMES	US	14/610700	30-Jan-15	20160128021	05-May-16	9693204	27-Jun-17
METHOD AND SYSTEM FOR TRACKING DEVICES	US	14/680920	07-Apr-15	20150289207	08-Oct-15	9591570	07-Mar-17
DETERMINING A LOCATION OF A TARGET WIRELESS DEVICE	US	14/805247	21-Jul-15	20160100287	07-Apr-16	9596567	14-Mar-17
METHOD AND SYSTEM FOR HANDLING FAILURE IN A COORDINATED MULTICAST STREAMING SYSTEM	PCT	PCT/US2015/027393	23-Apr-15	WO2015/164670	29-Oct-15		
CONFIGURATION-LESS AUTHENTICATION AND REDUNDANCY	US	11/525277	21-Sep-06	20080077972	27-Mar-08		
SHARED KEY AGREEMENT IN PEER-TO-PEER ENVIRONMENT	US	60/986898	09-Nov-07				
SHARED KEY AGREEMENT IN A PEER-TO-PEER ENVIRONMENT	US	61/013606	13-Dec-07				
SHARED KEY AGREEMENT IN PEER-TO-PEER ENVIRONMENT	US	61/020351	09-Jan-08				
IMPROVED HEAT SINK	US	12/108428	23-Apr-08				
ENROLLMENT AGENT FOR AUTOMATED CERTIFICATE ENROLLMENT	US	12/510725	28-Jul-09	20110029771	03-Feb-11		
TRAFFIC FORWARDING IN MESH NETWORKS	US	12/547042	25-Aug-09	20110051699	03-Mar-11		
SECURE HOTSPOT ROAMING	US	61/312999	11-Mar-10				
ADAPTIVE SHAPER FOR RELIABLE MULTICAST DELIVERY OVER MIXED NETWORKS	US	12/916230	29-Oct-10	20120106325	03-May-12		
METHOD AND SYSTEM FOR CREATING AND DEPLOYING A MESH NETWORK	JP	2011-160343	21-Jul-11	2011-217413	27-Oct-11		
METHOD AND SYSTEM FOR RADIO FREQUENCY MANAGEMENT IN A MESH NETWORK WITH A PATH DISTANCE FACTOR	JP	2009-550636	27-Feb-08	2010-519833	03-Jun-10		
TIME ZONE ADJUSTMENT IN USER INTERFACE	US	61/503459	30-Jun-11				
TIME ZONE ADJUSTMENT IN USER INTERFACE	US	13/194661	29-Jul-11	20130007104	03-Jan-13		
HANDLING OF HTTP VIDEO STREAMS	US	13/278023	20-Oct-11	20130103813	25-Apr-13		
SYSTEM AND METHOD FOR THE AUTOMATED CONTAINMENT OF AN UNAUTHORIZED ACCESS POINT IN A COMPUTING NETWORK	US	61/790191	15-Mar-13				
COMMUNICATION MODEL BASED ON USER ROLE	US	14/517123	17-Oct-14	20160112427	21-Apr-16		

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VLAN POOLING	US	13/590024	20-Aug-12			
SYSTEM AND METHOD FOR RELIABLE MULTICAST OVER SHARED WIRELESS MEDIA FOR SPECTRUM EFFICIENCY AND BATTERY POWER CONSERVATION	US	60/843798	12-Sep-06			
WIRELESS ROAMING ASSISTANCE AND DYNAMIC CALL CAPACITY MANAGEMENT	US	60/845720	18-Sep-06			
INDICATORS FOR DUAL-MODE PHONES	US	11/963275	21-Dec-07	20090163229	25-Jun-09	
ENTERPRISE LOCATION DISCOVERY IN DUAL-MODE PHONES	US	13/306780	29-Nov-11	20120071162	22-Mar-12	
SENSING DEVICE ORIENTATION IN WIRELESS NETWORKS	US	13/736820	08-Jan-13			
AGGREGATING MULTIPLE WIRELESS CHANNELS	US	61/297679	22-Jan-10			
DETERMINING WLAN EDGES	US	61/302413	08-Feb-10			
INTERFERENCE CLASSIFICATION WITH MINIMAL OR INCOMPLETE INFORMATION	US	61/299845	29-Jan-10			
DETECTING UNAUTHORIZED ROUTER ACCESS POINTS OR ROGUE APS IN THE WIRED NETWORK	US	61/299841	29-Jan-10			
MEASURING AND DISPLAYING WIRELESS NETWORK QUALITY	US	61/321179	06-Apr-10			
HYBRID MODE ACCESS POINT	US	61/321210	06-Apr-10			
DISPLAYING A WIDEBAND SPECTRUM USING A NARROW BAND RECEIVER	US	61/321214	06-Apr-10			
PROVIDING AND RESOLVING AN IP ADDRESS FOR SWARM-BASED SERVICES	US	12/976708	22-Dec-10	20120166515	28-Jun-12	
VLAN POOLING ENHANCEMENT	PCT	PCT/US2013/022807	23-Jan-13	WO2013/112632	01-Aug-13	
HYBRID WIRELESS VIRTUALIZATION ARCHITECTURE	US	61/549051	19-Oct-11			
AUTHENTICATING AN EPHEMERAL DIFFIE-HELLMAN USING A TRUSTED THIRD	US	61/552810	28-Oct-11			
METHOD FOR PROVISIONING POLICY ON USER DEVICES IN WIRED AND WIRELESS NETWORKS	US	60/876072	19-Dec-06			
PARTITIONING WIRELESS LOCAL AREA NETWORK WITHOUT VIRTUAL LOCAL AREA NETWORK CREATION	US	61/595521	06-Feb-12			
CLOUD-BASED ZERO TOUCH PROVISIONING	US	61/720868	31-Oct-12			
CLOUD-BASED FIRMWARE DISTRIBUTION SERVICE	US	61/720871	31-Oct-12			
APPLICATION BASED POLICY ENFORCEMENT	US	61/722071	02-Nov-12			
METHOD AND SYSTEM FOR PRIORITIZING PACKETS AND CONTROLLING THE FORWARDING OF ERROR CORRECTION DATA	US	61/724794	09-Nov-12			
HIGH PERFORMANCE NETWORK SWITCHING AND CONTROLLING SYSTEM	US	61/732829	03-Dec-12			
INNOVATIONS IN APPLICATION CONTROL AND PROTECTION	US	61/737819	16-Dec-12			
SYSTEM AND METHOD FOR APPLICATION USAGE CONTROLS THROUGH POLICY ENFORCEMENT	US	61/776633	11-Mar-13			
DYNAMIC ACCESS POINT CONFIGURATION BASED ON NETWORK CONDITIONS	US	61/793179	15-Mar-13			

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METHOD AND APPARATUS FOR PACKET AGGREGATION IN A NETWORK CONTROLLER	US	61/799566	15-Mar-13				
APPARATUS, SYSTEM AND METHOD FOR SUPPRESSING ERRONEOUS REPORTING OF ATTACKS ON A WIRELESS NETWORK	US	61/793825	15-Mar-13				
DYNAMIC DETERMINATION OF POTENTIAL ACCESS POINTS FOR PROPAGATING CLIENT INFORMATION	US	61/785001	14-Mar-13				
SYSTEM AND METHOD FOR OFFLOADING CRYPTOGRAPHIC FUNCTIONS TO SUPPORT A LARGE NUMBER OF CLIENTS IN A WIRELESS ACCESS POINT	US	61/794652	15-Mar-13				
MITIGATING INTERFERENCE IN WIRELESS SYSTEMS	US	61/827482	24-May-13				
ENABLING SIMULTANEOUS TRANSMIT AND RECEIVE IN THE SAME WIFI BAND WITHIN A DEVICE	US	61/829977	31-May-13				
LOCATION DETECTION IN WIRELESS COMMUNICATION NETWORKS	US	61/675991	26-Jul-12				
SYSTEMS FOR PROVIDING USERS WITH INFORMATION ABOUT LOCATIONS	US	61/464769	10-Mar-11				
SYSTEM FOR CONNECTING USERS WITH LOCATION SPECIFIC INFORMATION FROM OFFICIAL AND UNOFFICIAL SOURCES	US	60/454402	12-Mar-03				
HETEROGENEOUS DEPLOYMENT OF ACCESS POINT CLUSTERS	US	14/808532	24-Jul-15				
A METHOD AND SYSTEM FOR CALL ADMISSION CONTROL IN A WIRELESS MESH NETWORK	PCT	PCT/US2007/072790	03-Jul-07	WO2009/002348	31-Dec-08		
HEAT DISSIPATION UNIT FOR A WIRELESS NETWORK DEVICE	PCT	PCT/US2011/041001	17-Jun-11	WO2012/082181	21-Jun-12		
USER ANCHOR CONTROLLER COMMUNICATION WITHIN A NETWORK ENVIRONMENT	PCT	PCT/US2015/027392	23-Apr-15	WO2015/164669	29-Oct-15		
SELECTION OF ANCHOR CONTROLLERS FOR ACCESS POINTS WITHIN A NETWORK ENVIRONMENT	PCT	PCT/US2015/027395	23-Apr-15	WO2015/164671	29-Oct-15		
MULTICAST TRANSMISSIONS IN A NETWORK ENVIRONMENT WITH USER ANCHOR CONTROLLERS	PCT	PCT/US2015/030028	08-May-15	WO2015/172109	12-Nov-15		
GUEST ACCESS PROVISIONING	PCT	PCT/US2016/050877	09-Sep-16	WO2017/044692	16-Mar-17		
Policy Enforcement Based on Host Value Classification	PCT	PCT/US2015/059178	05-Nov-15				
IP Address Of Wireless Client Device	IN	6831/CHE/2015	22-Dec-15				
IDENTIFICATION AND CONTROL OF APPLICATIONS AND MEDIA SESSIONS	PCT	PCT/US2016/049404	30-Aug-16	WO2017/131820	03-Aug-17		
WIRELESS MESH NETWORK FORMATION	PCT	PCT/CN2016/072525	28-Jan-16	WO2017/128180	03-Aug-17		
L2 authentication and accounting session retention during roaming on a distributed, autonomous WLAN network	PCT						
VIRTUAL ADDRESS FOR CONTROLLER IN A CONTROLLER CLUSTER	PCT	PCT/US2016/051848	15-Sep-16	WO2017/127138	27-Jul-17		
MANAGING NETWORK TRAFFIC	US	15/294817	17-Oct-16	20170245177	24-Aug-17		
REPROGRAMMING ACCESS POINTS	PCT	PCT/US2015/064108	04-Dec-15				
AIR-TIME CAPACITIES	PCT	PCT/US2015/052918	29-Sep-15	WO2017058169	06-Apr-17		

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DISTRIBUTED MEDIA CLASSIFICATION ALGORITHM IN A SERVICE CONTROLLER PLATFORM FOR ENHANCED SCALABILITY AND FLEXIBILITY	IN	0729/CHE/2015	14-Feb-15				
GUEST ACCESS PROVISIONING	IN	4820/CHE/2015	10-Sep-15				
LOAD CONDITION BASED TRANSFER OF PROCESSING RESPONSIBILITY	US	14/881737	13-Oct-15	20160036709	04-Feb-16	9450880	20-Sep-16
SYSTEM AND METHOD FOR CRYPTO OFFLOAD FOR SUPPORTING LARGE CLIENTS IN A WIRELESS ACCESS POINT	US	14/204791	11-Mar-14				
Preventing Malware Downloads	PCT	PCT/US2016/015110	27-Jan-16	WO2017/131662	03-Aug-17		
OBTAINING A MAC ADDRESS FROM AN EXTERNAL SOURCE	US	61/880069	19-Sep-13				
PROVISIONING DEVICES FOR SECURE WIRELESS LOCAL AREA NETWORKS	US	61/893440	21-Oct-13				
Malware Detection	PCT	PCT/US2016/014841	26-Jan-16	WO2017/131626	03-Aug-17		
METHODS AND SYSTEMS FOR IMPROVED ACCESS POINT SELECTION IN A WIRELESS NETWORK	PCT	PCT/US2016/017794	12-Feb-16	WO2017/138955	17-Aug-17		
DETECTING MALWARE ON SPDY CONNECTIONS	PCT	PCT/US2016/015012	27-Jan-16	WO2017/131645	03-Aug-17		
Aruba Controllers issuing FORCERENEW to DHCP Clients which are moved to new VLAN	IN						
WAKING NETWORK ACCESS DEVICES BASED ON REQUESTS FOR ASSOCIATION	IN	201641003162	29-Jan-16				
Method for releasing an already assigned IP address from DHCP pool when the corresponding client device disconnects from the network, rather than waiting for the DHCP lease to expire, in high density deployments like public WiFi.	PCT						
Method for releasing an already assigned IP address from DHCP pool when the corresponding client device disconnects from the network, rather than waiting for the DHCP lease to expire, in high density deployments like public WiFi.	IN						
SYSTEM AND METHOD FOR MITIGATING MULTICAST MESSAGE DUPLICATION IN A WIRELESS NETWORK	US						
INDICATING A MASTER NETWORK CONTROLLER IN A VIRTUAL ROUTER REDUNDANCY PROTOCOL	US	15/017024	05-Feb-16	20170230230	10-Aug-17		
ZERO TOUCH PROVISIONING	US	15/139300	26-Apr-16	20160241701	18-Aug-16		
ZERO TOUCH PROVISIONING	US	15/138664	26-Apr-16	20160241442	18-Aug-16		
DETECTING DEAUTHENTICATION AND DISASSOCIATION ATTACK IN WIRELESS LOCAL AREA NETWORKS	IN	201641005781	19-Feb-16				
MANAGED PEER TO PEER (P2P) OPERATION IN ENTERPRISE WIRELESS NETWORKS	US	62/069905	29-Oct-14				
METHOD AND SYSTEM FOR DETECTING USE OF WRONG INTERNET PROTOCOL ADDRESS	US	14/517279	17-Oct-14	20160112286	21-Apr-16	9634917	25-Apr-17
VIRTUAL ADDRESS FOR CONTROLLER IN A CONTROLLER CLUSTER	IN	201641002601	22-Jan-16				
IDENTIFICATION AND CONTROL OF APPLICATIONS AND MEDIA SESSIONS	IN	201641003386	30-Jan-16				

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RADIO FREQUENCY (RF) INFORMATION VISUALIZATION	PCT	PCT/US2016/020868	04-Mar-16	WO2017/151145	08-Sep-17		
MANAGING NETWORK TRAFFIC	IN	201641005929	19-Feb-16				
DISTRIBUTED METHOD FOR CLIENT OPTIMIZATION	US	15/061177	04-Mar-16	20160192281	30-Jun-16	9544840	10-Jan-17
CANCELLATION OF INTERFERENCE VIA SUMMATION OF SAMPLED ENERGY	PCT	PCT/US2016/025130	31-Mar-16				
CONFIGURATION OF COMMUNICATION INTERFACES FOR LINK AGGREGATION	IN	201641008663	11-Mar-16				
METHOD AND SYSTEM FOR STORING AND ACCESSING CLIENT DEVICE INFORMATION IN A DISTRIBUTED SET OF NODES	US	15/074890	18-Mar-16	20170272433	21-Sep-17		
ACCESS POINT RADIO FREQUENCY ADJUSTMENT	US	15/190473	23-Jun-16				
ACCESS POINT POWER ASSIGNMENT	US	15/162545	23-May-16				
CALCULATION OF AN EQUIVALENT ISOTROPIC RADIATED POWER (EIRP) OF A REFERENCE ACCESS POINT (AP) IN A NETWORK WHEN PREDETERMINED CONDITIONS ARE SATISFIED	PCT	PCT/US2016/025224	31-Mar-16	WO2017/171788	05-Oct-17		
DETERMINING LOCATION BASED ON BOTH A DETECTED LOCATION AND A PREDICTED LOCATION	US	15/089877	04-Apr-16	20160219410	28-Jul-16	9699618	04-Jul-17
SYSTEM, APPARATUS AND METHOD FOR MANAGING CLIENT DEVICES WITHIN A WIRELESS NETWORK	US	15/138663	26-Apr-16	20160242040	18-Aug-16	9723491	01-Aug-17
AUTOMATIC DELIVERY TRAFFIC INDICATION MESSAGE INTERVAL CONTROL FOR BETTER MOBILE POWER SAVE PERFORMANCE	US	15/140994	28-Apr-16	20160242118	18-Aug-16		
SYSTEM AND METHOD FOR GROUPING AND ASSIGNING CHANNELS IN A NETWORK SYSTEM	US	15/088071	31-Mar-16	20160219581	28-Jul-16	9585143	28-Feb-17
TESTING BY SIMULATION USING VARIATIONS OF REAL-TIME TRAFFIC	US	15/087952	31-Mar-16	20160218952	28-Jul-16	9800490	24-Oct-17
SYSTEM AND METHOD FOR APPLICATION USAGE CONTROLS THROUGH POLICY ENFORCEMENT	US	15/094746	08-Apr-16	20170054730	23-Feb-17		
APPARATUS AND METHOD AGGREGATION AT ONE OR MORE LAYERS	US	15/091106	05-Apr-16	20160227438	04-Aug-16		
OVERLAYING VIRTUAL BROADCAST DOMAINS ON AN UNDERLYING PHYSICAL NETWORK	US	15/131811	18-Apr-16	20160234661	11-Aug-16		
ANALYZING A PARTICULAR WIRELESS SIGNAL BASED ON CHARACTERISTICS OF OTHER WIRELESS SIGNALS	US	15/131612	18-Apr-16	20160234716	11-Aug-16	9467893	11-Oct-16
SYSTEM, APPARATUS AND METHOD FOR INTERGRATED WIRELESS LINK MANAGEMENT FOR A MULTI-POLARIZED ANTENNA SYSTEM	US	15/096640	12-Apr-16	20160226568	04-Aug-16	9698883	04-Jul-17
CLIENT AWARE DHCP LEASE MANAGMENT	US	15/141620	28-Apr-16	20160248730	25-Aug-16		
ANTENNAS	US	15/142648	29-Apr-16				
PRINTED CIRCUIT BOARD TO SUPPORT MULTIPLE RADIO FREQUENCY CONFIGURATIONS	PCT	PCT/US2016/030224	29-Apr-16				
SYSTEM AND METHOD FOR CONTROLLING SELECTION OF NETWORK DEVICES FOR BEAMFORMING	PCT	PCT/US2016/029616	27-Apr-16				

METHOD AND APPARATUS FOR USING CALL ADMISSION CONTROL FOR CLIENT BALANCING	PCT	PCT/US2016/029718	28-Apr-16	WO2016176416	03-Nov-16		
MULTI-FACTOR AUTHORIZATION FOR IEEE 802.1X-ENABLED NETWORKS	PCT	PCT/US2016/029728	28-Apr-16				
WIRELESS CLIENT TRAFFIC CONTINUITY ACROSS CONTROLLER FAILOVER AND LOAD-BALANCING	PCT	PCT/US2016/029700	28-Apr-16				
RADIO PROPERTY BASED ACCESS POINT LOAD BALANCING IN CONTROLLER CLUSTER	PCT	PCT/US2016/029711	28-Apr-16				
DETERMINING ACCESS POINT POWER OUTPUT	US	15/171528	02-Jun-16			9591588	07-Mar-17
RF Signature Based WLAN Identity Management	PCT	PCT/US2016/032277	13-May-16				
SYSTEM AND METHOD FOR DETERMINING DETERIORATION IN CALL QUALITY BETWEEN ONE OR MORE WIRELESS END-USERS BASED ON CODEC CHARACTERISTICS	PCT						
DISTRIBUTED CALL ADMISSION CONTROL ON UNITY RADIO IN A CLUSTER DEPLOYMENT	PCT						
DISTRIBUTED MEDIA CLASSIFICATION ALGORITHM IN A SERVICE CONTROLLER PLATFORM FOR ENHANCED SCALABILITY	PCT						
SENSING CONDITIONS OF A WIRELESS NETWORK	US	14/643332	10-Mar-15	20160269922	15-Sep-16		
ESTIMATING QUALITIES OF LINKS BETWEEN NODES OF A WIRELESS NETWORK	US	14/643359	10-Mar-15	20160269920	15-Sep-16		
MITIGATING WIRELESS NETWORKING PROBLEMS OF A WIRELESS NETWORK	US	14/720755	23-May-15	20160266954	15-Sep-16	9720760	01-Aug-17
MOTION-CONTROLLED DEVICE FOR SUPPORTING PLANNING, DEPLOYMENT OR OPERATION OF A WIRELESS NETWORK	US	14/827282	15-Aug-15	20160269913	15-Sep-16		
CAPACITY ESTIMATION OF A WIRELESS LINK	US	14/994026	12-Jan-16	20160269932	15-Sep-16		
PROVIDING A USER WITH A QUALITY METRIC OF A USER EXPERIENCE FOR OPERATING A NETWORK APPLICATION ON A WIRELESS NETWORK	US						
IDENTIFYING DOORWAY ACCESS POINTS	US	15/282245	30-Sep-16				
DEAUTHENTICATE A CLIENT DEVICE DURING AN ASSOCIATION VALIDATION PHASE BASED ON A PLURALITY OF CAPABILITIES ASSOCIATED WITH THE CLIENT DEVICE	IN	201641025908	28-Jul-16				
DETERMINING SCALE FOR RECEIVED SIGNAL STRENGTH INDICATORS AND COORDINATE INFORMATION	IN	201641022610	30-Jun-16				
SYSTEM AND METHOD FOR IMPLEMENTING ADAPTIVE LOAD SHARING TO BALANCE NETWORK TRAFFIC	EP	08305922.0	11-Dec-08				
RADIO HEALTH MONITORING	US	15/216776	22-Jul-16				
ACCESS POINT SIGNAL ESTIMATION	US	15/201153	01-Jul-16				
DOMAIN NAME SYSTEM SERVERS FOR DYNAMIC HOST CONFIGURATION PROTOCOL CLIENTS	IN	201641023731	11-Jul-16				
ACCESS POINT TRANSMIT STREAM POLARIZATION DIVERSITY	US	15/223089	29-Jul-16				

LOAD BALANCING	US	15/222109	28-Jul-16			
CENTRALIZED VALIDATION OF CONFIGURATION	US	62/362543	14-Jul-16			
CONFIGURATION OF A MANAGED DEVICE	US	15/223098	29-Jul-16			
NETWORK AUTHENTICATION SYSTEM EXTENSIONS	US	15/253223	31-Aug-16			
DETECTING DEAUTHENTICATION AND DISASSOCIATION ATTACK IN WIRELESS LOCAL AREA NETWORKS	US	15/235737	12-Aug-16	20170244732	24-Aug-17	
INITIATING PEER-TO-PEER TUNNELS	US	15/267856	16-Sep-16	20170013054	12-Jan-17	
WAKING NETWORK ACCESS DEVICES BASED ON REQUESTS FOR ASSOCIATION	US	15/284617	04-Oct-16			
DUAL POWER OVER ETHERNET REDUNDANCY	US	15/259078	08-Sep-16			
NEIGHBORING NETWORK DEVICES	US	15/338058	28-Oct-16			
CLIENT BOUNDARY LOCATION	US	15/336591	27-Oct-16			
ENFORCING PRIVACY ADDRESSING	IN	201641037264	31-Oct-16			
CHANNEL SOUNDING	US	15/336645	27-Oct-16			
MULTI-CONNECTION ACCESS POINT	PCT	PCT/CN2016/103742	28-Oct-16			
UPGRADE CONTROLLERS AND ACCESS POINTS BY GROUP	US	15/334140	25-Oct-16			
RADIO INTERRUPT	US	15/334810	26-Oct-16			
DEAUTHENTICATE A CLIENT DEVICE DURING AN ASSOCIATION VALIDATION PHASE BASED ON A PLURALITY OF CAPABILITIES ASSOCIATED WITH THE CLIENT DEVICE	US	15/266867	15-Sep-16			
WI-FI ADOPTION INDEX	US	15/338114	28-Oct-16			
ROUTER ADVERTISEMENT CACHING	IN	201641037263	31-Oct-16			
LOCATION-BASED NETWORK DEVICE OPERATION	US	15/337568	28-Oct-16			
BEACON SENSOR BASED NETWORK FINGERPRINT	US	15/336675	27-Oct-16			
ACCESS POINT CONTENTION WINDOW ALTERATION	PCT	PCT/CN2016/103746	28-Oct-16			
MULTICAST MULTI-USER GROUP	PCT	PCT/CN2016/103757	28-Oct-16			
BEACON SENSOR ADVERTISEMENT FRAME	US	15/338091	28-Oct-16			
NETWORK DEVICE SUBSCRIPTION MANAGEMENT	US	15/338767	31-Oct-16			
METHOD AND SYSTEM FOR DETERMINING A LOCATION OF WIRELESS DEVICE	US	15/295622	17-Oct-16	20170034802	02-Feb-17	
SIGNAL STRENGTH AWARE BAND STEERING	US	15/295531	17-Oct-16	20170041108	09-Feb-17	
INTELLIGENT HANDLING OF VOICE CALLS FROM MOBILE VOICE CLIENT DEVICES	US	15/267294	16-Sep-16	20170006495	05-Jan-17	
IP ADDRESS OF WIRELESS CLIENT DEVICE	US	15/294824	17-Oct-16	20170163597	08-Jun-17	
METHOD AND SYSTEM FOR HANDLING FAILURE IN A COORDINATED MULTICAST STREAMING SYSTEM	EP	15721939.5	23-Apr-15	3134997	01-Mar-17	
USER ANCHOR CONTROLLER COMMUNICATION WITHIN A NETWORK ENVIRONMENT	EP	15722320.7	23-Apr-15			

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SELECTION OF ANCHOR CONTROLLERS FOR ACCESS POINTS WITHIN A NETWORK ENVIRONMENT	EP	15722321.5	23-Apr-15	3135072	01-Mar-17	
DOMAIN NAME SYSTEM SERVERS FOR DYNAMIC HOST CONFIGURATION PROTOCOL CLIENTS	US	15/478854	04-Apr-17			
CONFIGURATION VALIDATION OF A DEVICE	US	15/420483	31-Jan-17			
WIRELESS NETWORK AUTHENTICATION CONTROL	IN	201741002183	19-Jan-17			
CONTENTION-BASED RESOURCE ALLOCATION	US	15/451371	06-Mar-17			
NETWORK DEPLOYMENT	US	15/458594	14-Mar-17			
OUT-OF-BAND RADIO	US	15/455112	09-Mar-17			
ACCESS POINT GROUP TRANMISSIONS	US	15/445903	28-Feb-17			
UPGRADING ACCESS POINTS	PCT	PCT/CN2017/076777	15-Mar-17			
SMART BYPASS DIODE BRIDGE RECTIFIERS	US	15/437998	21-Feb-17			
CONFIGURATION OF COMMUNICATION INTERFACES FOR LINK AGGREGATION	EP	17160029.9	09-Mar-17	3217607	13-Sep-17	
CONFIGURATION OF COMMUNICATION INTERFACES FOR LINK AGGREGATION	US	15/427118	08-Feb-17	20170264490	14-Sep-17	
ENFORCING PRIVACY ADDRESSING	US	15/426093	07-Feb-17			
ENFORCING PRIVACY ADDRESSING	EP	17188209.5	28-Aug-17			
ROUTER ADVERTISEMENT CACHING	EP	17188212.9	28-Aug-17			
ROUTER ADVERTISEMENT CACHING	US	15/421747	01-Feb-17			
THREE-ADDRESS SCHEME FOR FORWARDING FRAMES IN A WIRELESS MESH NETWORK	PCT	PCT/CN2017/082372	28-Apr-17			
BLUETOOTH LOW ENERGY DEVICES	US	15/643719	07-Jul-17			
ASSIGNING A SUBSET OF ACCESS POINTS IN A WIRELESS NETWORK TO A HIGH PRIORITY	US	15/610319	31-May-17			
SELECTIVELY DEAUTHENTICATING A CLIENT DEVICE MANAGED BY A CONTROLLER ASSOCIATED WITH MULTI-ZONES	US	15/631782	23-Jun-17			
DETERMINING SCALE FOR RECEIVED SIGNAL STRENGTH INDICATORS AND COORDINATE INFORMATION	EP	17166784.3	18-Apr-17			
DETERMINING SCALE FOR RECEIVED SIGNAL STRENGTH INDICATORS AND COORDINATE INFORMATION	US	15/458169	14-Mar-17			
Establishing a Datagram Transport Layer Security Connection between Nodes in a Cluster	US	15/629103	21-Jun-17			
WIRELESS NETWORK AUTHENTICATION CONTROL	US	15/459818	15-Mar-17			
ENHANCING MU-MIMO TO GROUP CLIENTS ACROSS MULTIPLE BSSIDS FOR A PHYSICAL RADIO	US	15/495669	24-Apr-17	20170230098	10-Aug-17	
DETERMINING THAT A CLIENT DEVICE PRESENTS IN A SITE USING FREQUENT CLIENT MOBILITY PATTERNS	US	15/614129	05-Jun-17			
PARTITION A RADIO INTO CHAINS TO SCAN CHANNELS	PCT	PCT/CN2017/087698	09-Jun-17			

GEOGRAPHICAL SPECIFICATION BASED IDENTIFICATION OF COMPONENTS OF A WIRELESS LOCAL AREA NETWORK	US	15/663109	28-Jul-17			
ACCESS POINT SIGNAL ESTIMATION	EP	17178729.4	29-Jun-17			
Method to replay DFS radar logs on AP to simulate DFS radar or DFS false radar detection in the DFS algorithm.	US					
Intelligent Standby Controller reassignment to ensure client SSO on a failover in a mixed mode cluster	US					
Collocated Legacy and High Efficiency wireless networks using same physical wireless interface	US					
DISTRIBUTED MEDIA CLASSIFICATION ALGORITHM IN A SERVICE CONTROLLER PLATFORM FOR ENHANCED SCALABILITY	US	15/707514	18-Sep-17			
IDENTIFYING DOORWAY ACCESS POINTS	EP	17192807.0	25-Sep-17			
CALCULATION OF AN EQUIVALENT ISOTROPIC RADIATED POWER (EIRP) OF A REFERENCE ACCESS POINT (AP) IN A NETWORK WHEN PREDETERMINED CONDITIONS ARE SATISFIED	CN		31-Mar-16			
METHODS AND SYSTEMS FOR IMPROVED ACCESS POINT SELECTION IN A WIRELESS NETWORK	CN		12-Feb-16			
AIR-TIME CAPACITIES	CN		29-Sep-15			
SYSTEM AND METHOD FOR CONTROLLING SELECTION OF NETWORK DEVICES FOR BEAMFORMING	CN		27-Apr-16			
WIRELESS CLIENT TRAFFIC CONTINUITY ACROSS CONTROLLER FAILOVER AND LOAD-BALANCING	CN		28-Apr-16			
MULTI-FACTOR AUTHORIZATION FOR IEEE 802.1X-ENABLED NETWORKS	CN		28-Apr-16			
RADIO PROPERTY BASED ACCESS POINT LOAD BALANCING IN CONTROLLER CLUSTER	CN		28-Apr-16			
INDICATING A MASTER NETWORK CONTROLLER IN A VIRTUAL ROUTER REDUNDANCY PROTOCOL	US					
CLIENT BOUNDARY LOCATION	EP	17196731.8	17-Oct-17			
BEACON SENSOR BASED NETWORK FINGERPRINT	EP	17196724.3	17-Oct-17			
NEIGHBORING NETWORK DEVICES	EP	17196725.0	17-Oct-17			
WI-FI ADOPTION INDEX	EP	17196727.6	17-Oct-17			
LOCATION-BASED NETWORK DEVICE OPERATION	EP	17196735.9	17-Oct-17			
NETWORK DEVICE SUBSCRIPTION MANAGEMENT	EP	17196729.2	17-Oct-17			
CHANNEL SOUNDING	PCT					
BEACON SENSOR ADVERTISEMENT FRAME	CN					
BEACON SENSOR ADVERTISEMENT FRAME	EP	17196723.5	17-Oct-17			
METHOD AND APPARATUS FOR USING CALL ADMISSION CONTROL FOR CLIENT BALANCING	EP	16787124.3	28-Apr-16			

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MESH NODE ROLE DISCOVERY AND AUTOMATIC RECOVERY	US						
UPGRADE CONTROLLERS AND ACCESS POINTS BY GROUP	EP						
MULTI-CONNECTION ACCESS POINT	EP		28-Oct-16				
MULTICAST MULTI-USER GROUP	EP		28-Oct-16				
ACCESS POINT CONTENTION WINDOW ALTERATION	EP		28-Oct-16				
WIRELESS CLIENT TRAFFIC CONTINUITY ACROSS CONTROLLER FAILOVER AND LOAD-BALANCING	US						
SYSTEM AND METHOD FOR CONTROLLING SELECTION OF NETWORK DEVICES FOR BEAMFORMING	EP		27-Apr-16				
System, Apparatus and Method for Managing Redundancy Elimination in Packet Storage During Observation of Data Movement	US	62/015351	20-Jun-14				
System, Apparatus and Method for Prioritizing the Storage of Content Based on a Threat Index	US	62/015355	20-Jun-14				
Entity Group Behavior Profiling	US	62/015655	23-Jun-14				
Collaborative And Adaptive Threat Intelligence For Computer Security	US	62/015660	23-Jun-14				
System, Apparatus And Method for Anonymizing Data Prior To Threat Detection Analysis	US	62/197485	13-Jan-16				
System, Apparatus And Method for Anonymizing Data Prior To Threat Detection Analysis	US	62/103448	14-Jan-15				
System and Method Directed to Behavioral Profiling Services	US	62/265924	10-Dec-15				
SYSTEM, APPARATUS AND METHOD FOR ANONYMIZING DATA PRIOR TO THREAT DETECTION ANALYSIS	US	14/994954	13-Jan-16	20160203336	14-Jul-16		
SYSTEM APPARATUS AND METHOD FOR MANAGING REDUNDANCY ELIMINATION IN PACKET STORAGE DURING OBSERVATION OF DATA MOVEMENT	US	14/743902	18-Jun-15	20150372910	24-Dec-15		
SYSTEM, APPARATUS AND METHOD FOR PRIORITIZING THE STORAGE OF CONTENT BASED ON A THREAT INDEX	US	14/743892	18-Jun-15	20150370723	24-Dec-15		
ENTITY GROUP BEHAVIOR PROFILING	US	14/743861	18-Jun-15	20150373039	24-Dec-15		
COLLABORATIVE AND ADAPTIVE THREAT INTELLIGENCE FOR COMPUTER SECURITY	US	14/743875	18-Jun-15	20150373043	24-Dec-15		
SYSTEM AND METHOD DIRECTED TO BEHAVIORAL PROFILING SERVICES	US	15/374496	09-Dec-16				
SYSTEM, APPARATUS AND METHOD FOR ANONYMIZING DATA PRIOR TO THREAT DETECTION ANALYSIS	PCT	PCT/US2016/013275	13-Jan-16	WO2016115266	21-Jul-16		
SYSTEM, APPARATUS AND METHOD FOR ANONYMIZING DATA PRIOR TO THREAT DETECTION ANALYSIS	EP	16702621.0	13-Jan-16				
NEIGHBORING NETWORK DEVICES	US	16/189745	13-Nov-18	20190082485	14-Mar-19	10856346	1-Dec-20
BLUETOOTH LOW ENERGY DEVICE STATE TRANSITION	US	15/447890	2-Mar-17			10492126	26-Nov-19

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WIRELESS MEDIUM CLEARING	US	15/379408	14-Dec-16	20180167975	14-Jun-18	10165598	25-Dec-18
NODE LOAD BALANCING	US	15/427567	8-Feb-17	20180227232	9-Aug-18		
ACCESS POINT BEAMFORMING FOR WIRELESS DEVICE	IN	201741029094	16-Aug-17				
ACCESS POINT BEAMFORMING FOR WIRELESS DEVICE	US	15/878916	24-Jan-18	20190059042	21-Feb-19	10542481	21-Jan-20
MOBILE DEVICE RECORDING FOR TROUBLESHOOTING ASSISTANCE	US	15/479201	4-Apr-17	20180288632	4-Oct-18	11082804	3-Aug-21
DETERMINING THAT A CLIENT DEVICE PRESENTS IN A SITE USING FREQUENT CLIENT MOBILITY PATTERNS	US	16/412314	14-May-19	20190268727	29-Aug-19		
ARBITER CIRCUIT FOR CROSSBAR	US	15/656492	21-Jul-17	20190028408	24-Jan-19	10476814	12-Nov-19
CLIENT DEVICE TICKET	US	15/665267	31-Jul-17	20190036905	31-Jan-19	10541990	21-Jan-20
Classification of Access Points	US	62/464223	27-Feb-17				
PROMOTING CHANNEL ACCESS FAIRNESS	US	16/647774	18-Sep-17	20200221497	9-Jul-20		
ANTENNA MODULATION	US	15/614234	5-Jun-17	20180351598	6-Dec-18	10547344	28-Jan-20
HOT SWAPPABLE DEVICES	US	15/665278	31-Jul-17	20190037681	31-Jan-19		
MERGING OF DATA CELLS AT NETWORK NODES	US	60/027850	2-Oct-96				
MERGING OF DATA CELLS AT NETWORK NODES	US	08/941420	30-Sep-97				
MERGING OF DATA CELLS AT NETWORK NODES	US	08/941421	20-Sep-97			6130889	10-Oct-00
MERGING OF DATA CELLS AT NETWORK NODES	US	08/941422	20-Sep-97			6055561	25-Apr-00
MERGING OF DATA CELLS AT NETWORK NODES	US	08/941426	30-Sep-97			6069889	30-May-00
METHOD AND SYSTEM FOR DYNAMIC DETERMINATION OF POTENTIAL ACCESS POINTS FOR PROPAGATING CLIENT INFORMATION	US	15/433579	15-Feb-17	20170164246	8-Jun-17		
SYSTEM, APPARATUS AND METHOD FOR INTEGRATED WIRELESS LINK MANAGEMENT FOR A MULTI-POLARIZED ANTENNA SYSTEM	US	15/639663	30-Jun-17	20170302347	19-Oct-17	10516455	24-Dec-19
SELECTION OF A ROUTE BASED ON PRIOR USER BEHAVIOR OR COMMERCIAL INTERESTS	US	15/867923	11-Jan-18	20180135995	17-May-18		
DETERMINING LOCATION BASED ON BOTH A DETECTED LOCATION AND A PREDICTED LOCATION	EP	15722324.9	24-Apr-15				
METHOD AND SYSTEM FOR CLIENT DEVICE LOCALIZATION	EP	15722381.9	24-Apr-15				
MU-MIMO IMPLEMENTATION WITH CONFIGURABLE ANTENNA SYSTEM	EP	15720175.7	20-Apr-15				
SYSTEM AND METHODS FOR ENABLING SIMULTANEOUS TRANSMIT AND RECEIVE IN THE SAME WIFI BAND WITHIN A DEVICE	US	15/928416	22-Mar-18	20180212674	26-Jul-18	10742314	11-Aug-20
WIRELESS CHANNEL ACCESS RESTRICTIONS	US	16/494788	14-Apr-17	20200015148	9-Jan-20	11019554	25-May-21
ANTENNA POLARIZATION PATTERNS	US	16/490936	7-Mar-17	20200014456	9-Jan-20	10862573	8-Dec-20
SYSTEM AND METHOD FOR AVOIDING CONGESTION IN A COMPUTER NETWORK	US	17/122539	15-Dec-20	20210243125	5-Aug-21		

| ADAPTIVELY SYNCHRONIZING LEARNING OF MULTIPLE LEARNING MODELS | US | 17/122475 | 15-Dec-20 | 20210241183 | 5-Aug-21 | | |
| ACCESS POINT FIT | US | 16/487131 | 7-Mar-17 | 20210136678 | 6-May-21 | 11122502 | 14-Sep-21 |