

**PATENT ASSIGNMENT COVER SHEET**

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<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the TO CORRECT ASSIGNEE ADDRESS previously recorded on Reel 036052 Frame 0436. Assignor(s) hereby confirms the CORPORATION TO CORPORATION ASSIGNMENT.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
UBEEAIRWALK, LLC	06/08/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OPEN INVENTION NETWORK, LLC
<b>Street Address:</b>	RESEARCH TRIANGLE PARK CENTER
<b>Internal Address:</b>	4819 EMPEROR BOULEVARD, STE. 400
<b>City:</b>	DURHAM
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	27703
<b>PROPERTY NUMBERS Total: 82</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	8060143
Patent Number:	8175647
Patent Number:	8275416
Patent Number:	8560017
Patent Number:	8103274
Patent Number:	8526369
Patent Number:	8705442
Patent Number:	8600386
Patent Number:	7647054
Patent Number:	8838128
Patent Number:	8472964
Patent Number:	8532054
Patent Number:	8547859
Patent Number:	8787198
Patent Number:	9019942
Patent Number:	8019348
Patent Number:	8538438

Property Type	Number
Patent Number:	8909235
Patent Number:	8423027
Patent Number:	8938244
Patent Number:	8625487
Patent Number:	8908608
Patent Number:	8750093
Patent Number:	7509128
Patent Number:	8855695
Patent Number:	7835752
Patent Number:	8208935
Patent Number:	8489104
Patent Number:	8848655
Patent Number:	8520526
Patent Number:	8953455
Patent Number:	7643449
Patent Number:	8340036
Patent Number:	8995997
Patent Number:	8090370
Patent Number:	8571552
Patent Number:	8838100
Patent Number:	8396474
Patent Number:	8224291
Patent Number:	8346216
Patent Number:	8532026
Patent Number:	8693404
Patent Number:	8194590
Patent Number:	8804652
Patent Number:	8432918
Patent Number:	8059585
Patent Number:	8675562
Patent Number:	8700094
Patent Number:	8792920
Patent Number:	8351963
Patent Number:	8532656
Patent Number:	8351901
Patent Number:	8532657
Patent Number:	8977239
Application Number:	60537419

Property Type	Number
Application Number:	14047519
Application Number:	13964194
Application Number:	14223123
Application Number:	14090103
Application Number:	61251762
Application Number:	13592061
Application Number:	61527673
Application Number:	13969889
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Application Number:	13730185
Application Number:	61374471
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Application Number:	61374695
Application Number:	13707208
Application Number:	12605526
Application Number:	13535714
Application Number:	12605528
Application Number:	12252222
Application Number:	13729895
Application Number:	14226998
Application Number:	13964672
Application Number:	61003151
PCT Number:	US1147527
PCT Number:	US1148247
PCT Number:	US0880031
PCT Number:	US0880032
PCT Number:	US0880033

#### **CORRESPONDENCE DATA**

**Fax Number:** (214)200-0853

*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:** 2146515000

**Email:** theresa.oconnor@haynesboone.com

**Correspondent Name:** HAYNES AND BOONE, LLP

**Address Line 1:** 2323 VICTORY AVENUE

**Address Line 2:** SUITE 700

**Address Line 4:** DALLAS, TEXAS 75219

<b>ATTORNEY DOCKET NUMBER:</b>	48731.1175
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<b>NAME OF SUBMITTER:</b>	BRIAN DOUGLAS GRAHAM
<b>SIGNATURE:</b>	/Brian Douglas Graham/
<b>DATE SIGNED:</b>	12/02/2015
<b>Total Attachments: 15</b> source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page9.tif source=Assignment#page10.tif source=Assignment#page11.tif source=Assignment#page12.tif source=Assignment#page13.tif source=Assignment#page14.tif source=Assignment#page15.tif	



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**PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
UBEEAIRWALK, LLC	06/08/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OPEN INVENTION NETWORK, LLC
<b>Street Address:</b>	2323 VICTORY AVENUE
<b>Internal Address:</b>	SUITE 700
<b>City:</b>	DALLAS
<b>State/Country:</b>	TEXAS
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PCT Number:	US0880031
PCT Number:	US0880032
PCT Number:	US0880033

<b>CORRESPONDENCE DATA</b>	
Fax Number:	(214)200-0853
Phone:	2146515000
Email:	theresa.oconnor@haynesboone.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	HAYNES AND BOONE, LLP
Address Line 1:	2323 VICTORY AVENUE
Address Line 2:	SUITE 700
Address Line 4:	DALLAS, TEXAS 75219

NAME OF SUBMITTER:	BRIAN DOUGLAS GRAHAM
Signature:	/Brian Douglas Graham/
Date:	07/02/2015

<b>Total Attachments: 11</b> source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page9.tif source=Assignment#page10.tif source=Assignment#page11.tif	
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<b>RECEIPT INFORMATION</b>	
EPAS ID:	PA13424772
Receipt Date:	07/02/2015

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\* \* \* \* \*

PATENT ASSIGNMENT

WHEREAS, **UbeeAirWalk, LLC**, a Delaware limited liability company, having its principal office at 2140 South Dupont Hwy, Camden, DE 19934 (hereinafter, "Seller") is the sole and exclusive owner of the patents and patent applications listed on Schedule B hereto, and (i) all past and future patent applications that are entitled to claim priority, in whole or in part, based on any of said patents or the applications; (ii) all past and future patent applications from which said patents or the applications claim priority, directly or indirectly; and (ii) any patent issuing from such applications and inventions disclosed therein; and (iv) foreign applications and counterparts with respect to any of the foregoing (hereinafter, collectively, "the Patents"); and

WHEREAS **OPEN INVENTION NETWORK, LLC**, a Delaware limited liability company, having a place of business Research Triangle Park Center, 4819 Emperor Blvd., Suite 400, Durham, NC 27703 (hereinafter, "Purchaser") is desirous of acquiring all right, title and interest in, to and under the Patents.

*Now, Therefore,*

For ten dollars (\$10.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Seller does hereby sell, assign, transfer and set over to Purchaser, the Patents, any reissue or reissues of the Patents already granted and which may be granted, any certificates of reexamination already granted and which may be granted, the same to be held and enjoyed by Purchaser for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, to the end of the term or terms for which said Patents are granted, reissued or extended as fully and entirely as the same would have been held and enjoyed by Seller if this assignment had not been made; together with all claims for damages by reason of past, current and future infringement and/or provisional rights under said patents, with the right to sue for, and collect the same for its own use and behalf, and for the use and behalf of its successors, assigns or other legal representatives.

Seller hereby covenants that Seller has full right to convey the entire interest herein assigned, and that Seller has not executed, and will not execute, any agreements in conflict therewith.

In Witness Whereof, Seller has caused this Patent Assignment to be executed by its duly authorized representative.

**OPEN INVENTION NETWORK, LLC**

By: Keith Bergelt

Name: Keith Bergelt

Title: CEO

Date: 6/8/15

**UBEEAIRWALK LLC**

By: Leonard Kao

Name: Leonard Kao

Title: CEO

Date: June 8th, 2015

**KAO, LI**

# SCHEDULE B

## PATENTS

<u>Case Number</u>	Status, Filing Date, App. Serial No. <u>Pub No. &amp; Date</u>	<u>Pat/Reg No.,</u> <u>Issue/Reg Date</u>	<u>Title</u>	<u>#</u>
122945.00003	Status: Converted Filed: 1/16/2004 Serial #: 60/537,419 Conf #: None		Title: CDMA IP base transceiver station	1
AW0012005	Status: Issued Filed: 1/18/2005 Serial #: 11/037,063 Conf #: None	Issued: 11/15/2011 Pat. #: 8,060,143 Expires: 1/18/2025	Title: Combined base transceiver station and base station controller	2
AW0012005-C4	Status: Pending Filed: 10/7/2013 Serial #: 14/047,519 Conf #: None Pub #: 20140302B61 Pub Date: 10/9/2014		Title: COMBINED BASE TRANSCEIVER STATION AND BASE STATION CONTROLLER	3
AW0012005-CON1	Status: Issued Filed: 9/27/2011 Serial #: 13/245,981 Conf #: None Pub #: US-2012-0015663-A1 Pub Date: 1/19/2012	Issued: 5/8/2012 Pat. #: 8,175,647 Expires: 1/18/2025	Title: COMBINED BASE TRANSCEIVER STATION AND BASE STATION CONTROLLER	4
AW0012005-CON2	Status: Issued Filed: 5/3/2012 Serial #: 13/463,098 Conf #: None Pub #: US-2012-0220306-A1 Pub Date: 8/30/2012	Issued: 9/25/2012 Pat. #: 8,275,416 Expires: 1/18/2025	Title: COMBINED BASE TRANSCEIVER STATION AND BASE STATION CONTROLLER	5
AW0012005-CON3	Status: Issued Filed: 9/24/2012 Serial #: 13/625,172 Conf #: None Pub #: US-2013-0029678-A1 Pub Date: 1/31/2013	Issued: 10/15/2013 Pat. #: 8,560,017 Expires: 1/18/2025	Title: COMBINED BASE TRANSCEIVER STATION AND BASE STATION CONTROLLER	6
AW0012005EP	Status: Abandoned Filed: 1/18/2005 Serial #: 05705896.8 Conf #: None	Abandoned:	Title: Combined base transceiver station and base station controller	7
AW0012007	Status: Issued Filed: 10/15/2008 Serial #: 12/252,199 Conf #: None Pub #: US-2009-0131062-A1 Pub Date: 5/21/2009	Issued: 1/24/2012 Pat. #: 8,103,274 Expires: 7/19/2030	Title: SYSTEM, METHOD, AND COMPUTER-READABLE MEDIUM FOR IP-FEMTOCELL PROVISIONED RADIO ACCESS NETWORK	8
AW0012007-C2	Status: Pending Filed: 8/12/2013 Serial #: 13/964,194 Conf #: None Pub #: 20130329671 Pub Date: 12/12/2013		Title: SYSTEM, METHOD, AND COMPUTER-READABLE MEDIUM FOR IP-FEMTOCELL PROVISIONED RADIO ACCESS NETWORK	9

<u>Case Number</u>	<u>Status, Filing Date, App. Serial No. Pub No. &amp; Date</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>#</u>
AW0012007- CON1	Status: Issued Filed: 12/28/2011 Serial #: 13/338,357 Conf #: None Pub #: US-2012-0093130-A1 Pub Date: 4/19/2012	Issued: 9/3/2013 Pat. #: 8,526,369 Expires: 11/2/2028	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR IP-FEMTOCELL PROVISIONED RADIO ACCESS NETWORK	10
AW0012009	Status: Issued Filed: 10/26/2009 Serial #: 12/605,517 Conf #: None Pub #: US-2009-0257429-A1 Pub Date: 10/15/2009	Issued: 4/22/2014 Pat. #: 8,705,442 Expires: 11/24/2029	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR PROCESSING CALL ORIGINATIONS BY A FEMTOCELL SYSTEM	11
AW0012009-C1	Status: Abandoned Filed: 3/24/2014 Serial #: 14/223,123 Conf #: None Pub #: 20140206318 Pub Date: 7/24/2014	Abandoned:	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR PROCESSING CALL ORIGINATIONS BY A FEMTOCELL SYSTEM	12
AW0012010	Status: Issued Filed: 10/15/2010 Serial #: 12/905,321 Conf #: None Pub #: US-2011-0092211-A1 Pub Date: 4/21/2011	Issued: 12/3/2013 Pat. #: 8,600,386 Expires: 3/9/2031	Title: SYSTEM AND METHOD FOR PROVIDING EXTENDING FEMTOCELL COVERAGE	13
AW0012010-C1	Status: Pending Filed: 11/26/2013 Serial #: 14/090,103 Conf #: None Pub #: 20140079025 Pub Date: 3/20/2014		Title: SYSTEM AND METHOD FOR PROVIDING EXTENDING FEMTOCELL COVERAGE	14
AW0012010- PROV	Status: Converted Filed: 10/15/2009 Serial #: 61/251,762 Conf #: None		Title: CLUSTERING CONCEPTS	15
AW0012012	Status: Pending Filed: 8/22/2012 Serial #: 13/592,061 Conf #: None Pub #: 20130215825 Pub Date: 8/22/2013		Title: MOBILE WIDE AREA NETWORK IP TRANSLATION CONFIGURATION	16
AW0012012- PROV	Status: Converted Filed: 8/26/2011 Serial #: 61/527,673 Conf #: None		Title: No Title	17
AW0022005	Status: Issued Filed: 1/18/2005 Serial #: 11/037,813 Conf #: None	Issued: 1/12/2010 Pat. #: 7,647,054 Expires: 2/3/2025	Title: CDMA IP base transceiver station	18
AW0022005-C2	Status: Issued Filed: 6/12/2013 Serial #: 13/916,026 Conf #: None Pub #: 20130316717 Pub Date: 11/28/2013	Issued: 9/16/2014 Pat. #: 8,838,128 Expires: 2/20/2025	Title: COMBINED BASE TRANSCEIVER STATION AND BASE STATION CONTROLLER CALL ORIGINATION AND TERMINATION	19

Case Number	Status, Filing Date, App. Serial No. Pub No. & Date	Pat/Reg No., Issue/Reg Date	Title	#
AW0022005CO N	Status: Issued Filed: 12/8/2009 Serial #: 12/632,920 Conf #: None Pub #: US-2010-0087201-A1 Pub Date: 4/8/2010	Issued: 6/25/2013 Pat. #: 8,472,964 Expires: 1/31/2026	Title: COMBINED BASE TRANSCEIVER STATION AND BASE STATION CONTROLLER CALL ORIGINATION AND TERMINATION	20
AW0022007	Status: Issued Filed: 10/15/2008 Serial #: 12/252,202 Conf #: None Pub #: US-2009-0131049-A1 Pub Date: 5/21/2009	Issued: 9/10/2013 Pat. #: 8,532,054 Expires: 6/21/2030	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR USER EQUIPMENT HANDOFF WITHIN AN IP-FEMTOCELL NETWORK	21
AW0022007-C1	Status: Pending Filed: 8/19/2013 Serial #: 13/969,889 Conf #: None Pub #: 20130329591 Pub Date: 12/12/2013		Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR USER EQUIPMENT HANDOFF WITHIN AN IP-FEMTOCELL NETWORK	22
AW0022009	Status: Issued Filed: 10/26/2009 Serial #: 12/605,519 Conf #: None Pub #: US-2009-0257429-A1 Pub Date: 10/15/2009	Issued: 10/1/2013 Pat. #: 8,547,859 Expires: 11/11/2030	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR AUTHENTICATION CENTER-INITIATED AUTHENTICATION PROCEDURES FOR A MOBILE STATION ATTACHED WITH AN IP-FEMTOCELL SYSTEM	23
AW0022009-C1	Status: Issued Filed: 8/19/2013 Serial #: 13/970,326 Conf #: None Pub #: 20130331059 Pub Date: 12/12/2013	Issued: 7/22/2014 Pat. #: 8,787,198 Expires: 10/15/2028	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR AUTHENTICATION CENTER-INITIATED AUTHENTICATION PROCEDURES FOR A MOBILE STATION ATTACHED WITH AN IP-FEMTOCELL SYSTEM	24
AW0022010	Status: Issued Filed: 1/25/2011 Serial #: 13/012,918 Conf #: None Pub #: US-2012-0039314-A1 Pub Date: 2/16/2012	Issued: 4/28/2015 Pat. #: 9,019,942 Expires: 1/7/2034	Title: METHOD AND APPARATUS OF SUPPORTING WIRELESS FEMTOCELL CLUSTERS	25
AW0022010_PC T	Status: Pending Filed: 8/12/2011 Serial #: PCT/US11/47527 Conf #: None		Title: METHOD AND APPARATUS OF SUPPORTING WIRELESS FEMTOCELL CLUSTERS	26
AW0022010_PC T_CN	Status: Pending Filed: 8/12/2011 Serial #: 201180035142.6 Conf #: None		Title: METHOD AND APPARATUS OF SUPPORTING WIRELESS FEMTOCELL CLUSTERS	27
AW0022010- PROV	Status: Converted Filed: 8/16/2010 Serial #: 61/374,017 Conf #: None		Title: FEMTO CELL CLUSTER	28
AW0032005	Status: Issued Filed: 1/18/2005 Serial #: 11/037,814 Conf #: None	Issued: 9/13/2011 Pat. #: 8,019,348 Expires: 1/18/2025	Title: Combined base transceiver station and base station controller handoff	29

<u>Case Number</u>	<u>Status, Filing Date, App. Serial No. Pub No. &amp; Date</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>#</u>
AW0032005-C2	Status: Pending Filed: 12/28/2012 Serial #: 13/730,185 Conf #: None Pub #: US-2013-0115960-A1 Pub Date: 5/9/2013		Title: Combined base transceiver station and base station controller handoff	30
AW0032005-C3	Status: Issued Filed: 2/21/2013 Serial #: 13/772,664 Conf #: None Pub #: US-2013--165128-A1 Pub Date: 6/27/2013	Issued: 9/17/2013 Pat. #: 8,538,438 Expires: 1/18/2025	Title: Combined base transceiver station and base station controller handoff	31
AW0032005-C4	Status: Issued Filed: 8/19/2013 Serial #: 13/970,175 Conf #: None Pub #: 20130337817 Pub Date: 12/19/2013	Issued: 12/9/2014 Pat. #: 8,909,235 Expires: 1/18/2025	Title: COMBINED BASE TRANSCEIVER STATION AND BASE STATION CONTROLLER HANDOFF	32
AW0032005CO N	Status: Issued Filed: 7/25/2011 Serial #: 13/189,828 Conf #: None Pub #: US-2011-0281588-A1 Pub Date: 11/17/2011	Issued: 4/16/2013 Pat. #: 8,423,027 Expires: 1/18/2025	Title: Combined base transceiver station and base station controller handoff	33
AW0032007	Status: Issued Filed: 10/15/2008 Serial #: 12/252,204 Conf #: None Pub #: US-2009-0258644-A1 Pub Date: 10/15/2009	Issued: 1/20/2015 Pat. #: 8,938,244 Expires: 11/2/2030	Title: SYSTEM, METHOD, AND COMPUTER-READABLE MEDIUM FOR USER EQUIPMENT ACQUISITION OF AN IP-FEMTOCELL SYSTEM	34
AW0032009	Status: Issued Filed: 10/26/2009 Serial #: 12/605,521 Conf #: None Pub #: US-2009-0257429-A1 Pub Date: 10/15/2009	Issued: 1/7/2014 Pat. #: 8,625,487 Expires: 2/25/2031	Title: SYSTEM, METHOD, AND COMPUTER-READABLE MEDIUM FOR PROCESSING CALL ORIGINATIONS BY A FEMTOCELL SYSTEM	35
AW0032009-C1	Status: Issued Filed: 12/20/2013 Serial #: 14/136,776 Conf #: None Pub #: 20140106715 Pub Date: 4/17/2014	Issued: 12/9/2014 Pat. #: 8,908,608 Expires: 10/15/2028	Title: SYSTEM, METHOD, AND COMPUTER-READABLE MEDIUM FOR PROCESSING CALL ORIGINATIONS BY A FEMTOCELL SYSTEM	36
AW0032010	Status: Issued Filed: 1/25/2011 Serial #: 13/012,976 Conf #: None Pub #: US-2012-0044799-A1 Pub Date: 2/23/2012	Issued: 6/10/2014 Pat. #: 8,750,093 Expires: 9/22/2031	Title: METHOD AND APPARATUS OF IMPLEMENTING AN INTERNET PROTOCOL SIGNALING CONCENTRATOR	37
AW0032010- PROV	Status: Converted Filed: 8/17/2010 Serial #: 61/374,471 Conf #: None		Title: IPSC INTERNET PROTOCOL SIGNALING CONCENTRATOR	38
AW0042005	Status: Issued Filed: 1/18/2005 Serial #: 11/037,386 Conf #: None	Issued: 3/24/2009 Pat. #: 7,509,128 Expires: 9/12/2026	Title: COMBINED BASE TRANSCEIVER STATION AND BASE STATION CONTROLLER DATA CALL	39

<u>Case Number</u>	<u>Status, Filing Date, App. Serial No. Pub No. &amp; Date</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>#</u>
AW0042005C4	Status: Issued Filed: 5/29/2013 Serial #: 13/904,543 Conf #: None Pub #: 20130252623 Pub Date: 9/26/2013	Issued: 10/7/2014 Pat. #: 8,855,695 Expires: 1/18/2025	Title: COMBINED BASE TRANSCEIVER STATION AND BASE STATION CONTROLLER DATA CALL	40
AW0042005CO N	Status: Issued Filed: 3/4/2009 Serial #: 12/397,669 Conf #: None Pub #: US-2009-0163219-A1 Pub Date: 6/25/2009	Issued: 11/16/2010 Pat. #: 7,835,752 Expires: 3/14/2025	Title: COMBINED BASE TRANSCEIVER STATION AND BASE STATION CONTROLLER DATA CALL	41
AW0042005CO N2	Status: Issued Filed: 10/12/2010 Serial #: 12/902,275 Conf #: None Pub #: US-2011-0028155-A1 Pub Date: 2/3/2011	Issued: 6/26/2012 Pat. #: 8,208,935 Expires: 1/18/2025	Title: COMBINED BASE TRANSCEIVER STATION AND BASE STATION CONTROLLER DATA CALL	42
AW0042005CO N3	Status: Issued Filed: 5/31/2012 Serial #: 13/484,467 Conf #: None Pub #: US-2012-0238282-A1 Pub Date: 9/20/2012	Issued: 7/16/2013 Pat. #: 8,489,104 Expires: 1/18/2025	Title: COMBINED BASE TRANSCEIVER STATION AND BASE STATION CONTROLLER DATA CALL	43
AW0042007	Status: Issued Filed: 10/15/2008 Serial #: 12/252,210 Conf #: None Pub #: US-2009-0129336-A1 Pub Date: 5/21/2009	Issued: 9/30/2014 Pat. #: 8,848,655 Expires: 11/8/2030	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR USER EQUIPMENT HANDOFF FROM A MACROCELLULAR NETWORK TO AN IP-FEMTOCELL NETWORK	44
AW0042009	Status: Pending Filed: 10/26/2009 Serial #: 12/605,525 Conf #: None Pub #: US-2009-0257429-A1 Pub Date: 10/15/2009		Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR PROCESSING CALL ORIGINATIONS BY A FEMTOCELL SYSTEM	45
AW0042010	Status: Issued Filed: 1/25/2011 Serial #: 13/013,154 Conf #: None Pub #: US-2012-0044808-A1 Pub Date: 2/23/2012	Issued: 8/27/2013 Pat. #: 8,520,526 Expires: 9/18/2031	Title: METHOD AND APPARATUS OF LOAD BALANCING FEMTOCELL CLUSTER ACCESS	46
AW0042010_PC T	Status: Done Filed: 8/18/2011 Serial #: PCT/US11/48247 Conf #: None		Title: METHOD AND APPARATUS OF LOAD BALANCING FEMTOCELL CLUSTER ACCESS	47
AW0042010_PC T_CN	Status: Pending Filed: 8/18/2011 Serial #: 201180035141.1 Conf #: None Pub #: CN 103109502 A Pub Date: 5/15/2013		Title: METHOD AND APPARATUS OF LOAD BALANCING FEMTOCELL CLUSTER ACCESS	48

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AW0042010-C1	Status: Issued Filed: 8/10/2013 Serial #: 13/964,068 Conf #: None Pub #: 20130322250 Pub Date: 12/5/2013	Issued: 2/10/2015 Pat #: 8,953,455 Expires: 1/25/2031	Title: METHOD AND APPARATUS OF LOAD BALANCING FEMTOCELL CLUSTER ACCESS	49
AW0042010- PROV	Status: Converted Filed: 8/18/2010 Serial #: 61/374,695 Conf #: None		Title: LOAD BALANCING AND CA-SIM RESTRICTED ESM LIST	50
AW0052005	Status: Issued Filed: 1/18/2005 Serial #: 11/037,387 Conf #: None	Issued: 1/5/2010 Pat #: 7,643,449 Expires: 8/23/2025	Title: Combined base transceiver station and base station controller data call and quality of service	51
AW0052005-C2	Status: Pending Filed: 12/6/2012 Serial #: 13/707,208 Conf #: None Pub #: US-2013-0121143-A1 Pub Date: 5/16/2013		Title: Combined base transceiver station and base station controller data call and quality of service	52
AW0052005CO N	Status: Issued Filed: 12/11/2009 Serial #: 12/635,771 Conf #: None Pub #: US-2010-0124166-A1 Pub Date: 5/20/2010	Issued: 12/25/2012 Pat #: 8,340,036 Expires: 1/18/2025	Title: Combined base transceiver station and base station controller data call and quality of service	53
AW0052007	Status: Issued Filed: 10/15/2008 Serial #: 12/252,212 Conf #: None Pub #: US-2009-0131050-A1 Pub Date: 5/21/2009	Issued: 3/31/2015 Pat #: 8,995,997 Expires: 9/7/2030	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR CONFIGURATION OF AN IP-FEMTOCELL SYSTEM	54
AW0052009	Status: Pending Filed: 10/26/2009 Serial #: 12/605,526 Conf #: None Pub #: US-2009-0257429-A1 Pub Date: 10/15/2009		Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR PROCESSING CALL ORIGINATIONS BY A FEMTOCELL SYSTEM	55
AW0062005	Status: Issued Filed: 1/18/2005 Serial #: 11/037,388 Conf #: None	Issued: 1/3/2012 Pat #: 8,090,370 Expires: 10/5/2027	Title: Combined base transceiver station and base station controller optimized assignment of frame offsets	56
AW0062005-C2	Status: Issued Filed: 2/27/2013 Serial #: 13/778,418 Conf #: None Pub #: US-2013-0178207-A1 Pub Date: 7/11/2013	Issued: 10/29/2013 Pat #: 8,571,552 Expires: 1/18/2025	Title: Combined base transceiver station and base station controller optimized assignment of frame offsets	57
AW0062005-C3	Status: Issued Filed: 10/16/2013 Serial #: 14/054,991 Conf #: None Pub #: 20140038604 Pub Date: 2/6/2014	Issued: 9/16/2014 Pat #: 8,838,100 Expires: 1/18/2025	Title: COMBINED BASE TRANSCEIVER STATION AND BASE STATION CONTROLLER OPTIMIZED ASSIGNMENT OF FRAME OFFSETS	58

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AW0062005- CON1	Status: Issued Filed: 11/30/2011 Serial #: 13/307,148 Conf #: None Pub #: US-2012-0196597-A1 Pub Date: 8/2/2012	Issued: 3/12/2013 Pat. #: 8,396,474 Expires: 1/18/2025	Title: Combined base transceiver station and base station controller optimized assignment of frame offsets	59
AW0062007	Status: Issued Filed: 10/15/2008 Serial #: 12/252,217 Conf #: None Pub #: US-2009-0131016-A1 Pub Date: 5/21/2009	Issued: 7/17/2012 Pat. #: 8,224,291 Expires: 3/7/2030	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR MOBILE-TO- MOBILE CALLS WITHIN FEMTOCELL NETWORK	60
AW0062007- CON1	Status: Pending Filed: 6/28/2012 Serial #: 13/535,714 Conf #: None Pub #: US-2012-0270525-A1 Pub Date: 10/25/2012		Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR MOBILE-TO- MOBILE CALLS WITHIN FEMTOCELL NETWORK	61
AW0062009	Status: Pending Filed: 10/26/2009 Serial #: 12/605,528 Conf #: None Pub #: US-2009-0257429-A1 Pub Date: 10/15/2009		Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR PROCESSING CALL ORIGINATIONS BY A FEMTOCELL SYSTEM	62
AW0072007	Status: Pending Filed: 10/15/2008 Serial #: 12/252,222 Conf #: None Pub #: US-2009-0131017-A1 Pub Date: 5/21/2009		Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR ACCESS RESTRICTION OF USER EQUIPMENT DEVICES IN AN IP-FEMTOCELL SYSTEM	63
AW0082007	Status: Issued Filed: 10/15/2008 Serial #: 12/252,226 Conf #: None Pub #: US-2009-0131024-A1 Pub Date: 5/21/2009	Issued: 1/1/2013 Pat. #: 8,346,216 Expires: 1/30/2030	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR ABBREVIATED- CODE DIALING IN A NETWORK SYSTEM	64
AW0082007-C1	Status: Pending Filed: 12/28/2012 Serial #: 13/729,895 Conf #: None Pub #: US-2013-0114510-A1 Pub Date: 5/9/2013		Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR ABBREVIATED- CODE DIALING IN A NETWORK SYSTEM	65
AW0092007	Status: Issued Filed: 10/15/2008 Serial #: 12/252,227 Conf #: None Pub #: US-2009-0129263-A1 Pub Date: 5/21/2009	Issued: 9/10/2013 Pat. #: 8,532,026 Expires: 4/23/2031	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR MULTI-STAGE TRANSMIT PROTECTION IN A FEMTOCELL SYSTEM	66
AW0092007-C1	Status: Issued Filed: 8/12/2013 Serial #: 13/964,859 Conf #: None Pub #: 20130331064 Pub Date: 12/12/2013	Issued: 4/8/2014 Pat. #: 8,693,404 Expires: 10/15/2028	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR MULTI-STAGE TRANSMIT PROTECTION IN A FEMTOCELL SYSTEM	67



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AW0102007	Status: Issued Filed: 10/15/2008 Serial #: 12/252,231 Conf #: None Pub #: US-2009-0257429-A1 Pub Date: 10/15/2009	Issued: 6/5/2012 Pat. #: 8,194,590 Expires: 7/15/2029	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR PROCESSING CALL ORIGINATIONS BY A FEMTOCELL SYSTEM	68
AW0102007-C2	Status: Issued Filed: 4/2/2013 Serial #: 13/855,320 Conf #: None Pub #: 20130217397 Pub Date: 8/22/2013	Issued: 8/12/2014 Pat. #: 8,804,652 Expires: 10/15/2028	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR PROCESSING CALL ORIGINATIONS BY A FEMTOCELL SYSTEM	69
AW0102007CO N1	Status: Issued Filed: 5/31/2012 Serial #: 13/484,426 Conf #: None Pub #: US-2012-023828-A1 Pub Date: 9/20/2012	Issued: 4/30/2013 Pat. #: 8,432,918 Expires: 10/15/2028	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR PROCESSING CALL ORIGINATIONS BY A FEMTOCELL SYSTEM	70
AW0102007PCT	Status: Abandoned Filed: No Date Serial #: PCT/US08/80031 Conf #: None	Abandoned:	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR PROCESSING CALL ORIGINATIONS BY A FEMTOCELL SYSTEM	71
AW0112007	Status: Issued Filed: 10/15/2008 Serial #: 12/252,234 Conf #: None Pub #: US-2009-0129343-A1 Pub Date: 5/21/2009	Issued: 11/15/2011 Pat. #: 8,059,585 Expires: 5/29/2030	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR MOBILE TERMINATED CALL PROCESSING BY A FEMTOCELL SYSTEM	72
AW0112007- CON1	Status: Issued Filed: 9/29/2011 Serial #: 13/248,603 Conf #: None Pub #: US-2012-0020314-A1 Pub Date: 1/26/2012	Issued: 3/18/2014 Pat. #: 8,675,562 Expires: 5/9/2029	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR MOBILE TERMINATED CALL PROCESSING BY A FEMTOCELL SYSTEM	73
AW0122007	Status: Issued Filed: 10/15/2008 Serial #: 12/252,237 Conf #: None Pub #: US-2009-0131029-A1 Pub Date: 5/21/2009	Issued: 4/15/2014 Pat. #: 8,700,094 Expires: 1/17/2030	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR CALL TERMINATION PROCESSING BY A FEMTOCELL SYSTEM	74
AW0122007-C1	Status: Pending Filed: 3/27/2014 Serial #: 14/226,998 Conf #: None Pub #: 20140213266 Pub Date: 7/31/2014		Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR CALL TERMINATION PROCESSING BY A FEMTOCELL SYSTEM	75
AW0132007	Status: Issued Filed: 10/15/2008 Serial #: 12/252,238 Conf #: None Pub #: US-2009-0129349-A1 Pub Date: 5/21/2009	Issued: 7/29/2014 Pat. #: 8,792,920 Expires: 2/19/2031	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR SHORT MESSAGE SERVICE PROCESSING BY A FEMTOCELL SYSTEM	76

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AW0132007PCT	Status: Abandoned Filed: No Date Serial #: PCT/US08/80032 Conf #: None	Abandoned:	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR SHORT MESSAGE SERVICE PROCESSING BY A FEMTOCELL SYSTEM	77
AW0142007	Status: Issued Filed: 10/15/2008 Serial #: 12/252,242 Conf #: None Pub #: US-2009-0131086-A1 Pub Date: 5/21/2009	Issued: 1/8/2013 Pat. #: 8,351,963 Expires: 9/4/2029	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR SHORT MESSAGE SERVICE TERMINATION PROCESSING BY A FEMTOCELL SYSTEM	78
AW0142007-C1	Status: Issued Filed: 1/8/2013 Serial #: 13/736,332 Conf #: None Pub #: US-2013-0122945-A1 Pub Date: 5/16/2013	Issued: 9/10/2013 Pat. #: 8,532,656 Expires: 10/15/2028	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR SHORT MESSAGE SERVICE TERMINATION PROCESSING BY A FEMTOCELL SYSTEM	79
AW0142007-C2	Status: Pending Filed: 8/12/2013 Serial #: 13/964,672 Conf #: None Pub #: 20130329643 Pub Date: 12/12/2013		Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR SHORT MESSAGE SERVICE TERMINATION PROCESSING BY A FEMTOCELL SYSTEM	80
AW0152007	Status: Issued Filed: 10/15/2008 Serial #: 12/252,246 Conf #: None Pub #: US-2009-0131018-A1 Pub Date: 5/21/2009	Issued: 1/8/2013 Pat. #: 8,351,901 Expires: 9/4/2029	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR USER EQUIPMENT REGISTRATION AND AUTHENTICATION PROCESSING BY A FEMTOCELL SYSTEM	81
AW0152007-C1	Status: Issued Filed: 1/8/2013 Serial #: 13/736,376 Conf #: None Pub #: US-2013-0122868-A1 Pub Date: 5/16/2013	Issued: 9/10/2013 Pat. #: 8,532,657 Expires: 10/15/2028	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR USER EQUIPMENT REGISTRATION AND AUTHENTICATION PROCESSING BY A FEMTOCELL SYSTEM	82
AW0152007-C2	Status: Issued Filed: 8/13/2013 Serial #: 13/965,714 Conf #: None Pub #: 20130331065 Pub Date: 12/12/2013	Issued: 3/10/2015 Pat. #: 8,977,239 Expires: 10/15/2028	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR USER EQUIPMENT REGISTRATION AND AUTHENTICATION PROCESSING BY A FEMTOCELL SYSTEM	83
AW0152007PCT	Status: Abandoned Filed: No Date Serial #: PCT/US08/80033 Conf #: None	Abandoned:	Title: SYSTEM, METHOD, AND COMPUTER- READABLE MEDIUM FOR USER EQUIPMENT REGISTRATION AND AUTHENTICATION PROCESSING BY A FEMTOCELL SYSTEM	84
AW0207P	Status: Converted Filed: 11/15/2007 Serial #: 61/003,151 Conf #: None		Title: SIP-IOS adapter function	85

State of \_\_\_\_\_

County of \_\_\_\_\_

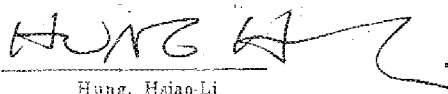
JUN 09 2015

On this \_\_\_\_\_ day of \_\_\_\_\_, 2015 before me personally appeared \_\_\_\_\_, to me known to be the person described herein and who executed the foregoing instrument, and acknowledged that he executed the same knowingly and willingly and for the purposes therein contained.

Witness my hand and Notarial seal the day and year immediately above written.

\_\_\_\_\_  
Notary Public

My Commission Expires: Dec. 13, 2043

案號104 新院民認洪字第	0557	號日期:	JUN 09 2015
Case No. 104 HsinYuanMinJenHungYu No.	0557	Date:	JUN 09 2015
本文件 KAO, LI 之簽名或蓋章在台灣新竹地方法院所屬民間公證人洪筱俐事務所認證。			
Attested at the Hung Hsiao-Li's Notary Public Office of Taiwan Hsin Chu District Court R.O.C, that the signature(s)/seal(s) of KAO, LI in this document is/are authentic.			
Notary Public 			
Hung, Hsiao-Li			

Office address: 2F No. 133, Shijie St., Hsinchu City 300, Taiwan R.O.C.