

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3295654

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
AIRBIQUITY INC.	03/31/2015

RECEIVING PARTY DATA

Name:	Silicon Valley Bank
Street Address:	3003 Tasman Drive
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 76

Property Type	Number
Patent Number:	D448366
Patent Number:	7283904
Patent Number:	7164662
Patent Number:	7283567
Patent Number:	7215965
Patent Number:	7509134
Patent Number:	7848763
Patent Number:	7269188
Patent Number:	7411982
Patent Number:	6771629
Patent Number:	D479228
Patent Number:	7508810
Patent Number:	7733853
Patent Number:	8036201
Patent Number:	7924934
Patent Number:	8391775
Patent Number:	8014942
Patent Number:	6144336
Patent Number:	7221669
Patent Number:	7206305

PATENT

Property Type	Number
Patent Number:	7317696
Patent Number:	7286522
Patent Number:	7151768
Patent Number:	8068792
Patent Number:	7747281
Patent Number:	6690681
Patent Number:	6493338
Patent Number:	6681121
Patent Number:	7979095
Patent Number:	8369393
Patent Number:	7983310
Patent Number:	8594138
Patent Number:	8417211
Patent Number:	8036600
Patent Number:	8195093
Patent Number:	8073440
Patent Number:	8346227
Patent Number:	8452247
Patent Number:	8249865
Patent Number:	8326486
Patent Number:	8418039
Patent Number:	8050817
Patent Number:	7966111
Patent Number:	8676135
Patent Number:	8787869
Patent Number:	8831823
Patent Number:	8831824
Patent Number:	8838332
Patent Number:	8848825
Patent Number:	8942888
Patent Number:	8965669
Patent Number:	8971839
Patent Number:	6236652
Patent Number:	6614349
Patent Number:	6920129
Application Number:	14302620
Application Number:	13605846
Application Number:	14594923

Property Type	Number
Application Number:	13735932
Application Number:	13911454
Application Number:	61740376
Application Number:	14135165
Application Number:	13797133
PCT Number:	US2010053006
PCT Number:	US2012052712
PCT Number:	US2012047579
PCT Number:	US2012053977
PCT Number:	US2012054001
PCT Number:	US2013020697
PCT Number:	US2013020579
PCT Number:	US2013044448
PCT Number:	US2013030587
PCT Number:	US2010052493
PCT Number:	US2010052511
PCT Number:	US2010052515
PCT Number:	US2013076710

CORRESPONDENCE DATA

Fax Number: (858)638-5130

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: 858-677-1400

Email: susan.reynholds@dlapiper.com

Correspondent Name: DLA PIPER LLP (US)

Address Line 1: 4365 EXECUTIVE DRIVE, SUITE 1100

Address Line 4: SAN DIEGO, CALIFORNIA 92121

NAME OF SUBMITTER: TROY ZANDER

SIGNATURE: /s/ Troy Zander

DATE SIGNED: 04/02/2015

Total Attachments: 15

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement ("Agreement") is entered into as of March 31, 2015 by and between SILICON VALLEY BANK ("Bank") and AIRBIQUITY INC. ("Grantor").

RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodations to Grantor (the "Loans") in the amounts and manner set forth in that certain Amended and Restated Loan and Security Agreement by and between Bank and Grantor dated as of January 29, 2013 and that certain Amended and Restated Loan and Security Agreement (Ex-Im Loan Facility) by and between Bank and Grantor dated as of January 29, 2013 (as the same may be amended, modified or supplemented from time to time, collectively, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks, Patents, and Mask Works (as each term is described below) to secure the obligations of Grantor under the Loan Agreement.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

1. Grant of Security Interest. To secure its obligations under the Loan Agreement, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its intellectual property (all of which shall collectively be called the "Intellectual Property Collateral"), including, without limitation, the following:

(a) Any and all copyright rights, copyright applications, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those set forth on Exhibit A attached hereto (collectively, the "Copyrights");

(b) Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held to the extent permitted by such computer software license or rights;

(c) Any and all design rights that may be available to Grantor now or hereafter existing, created, acquired or held;

(d) All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the "Patents");

(e) Any trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the "Trademarks");

(f) All mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including, without limitation those set forth on Exhibit D attached hereto (collectively, the "Mask Works");

(g) Any and all claims for damages by way of past, present and future infringements of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) All licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

2. Recordation. Grantor authorizes the Commissioner for Patents, the Commissioner for Trademarks and the Register of Copyrights and any other government officials to record and register this Agreement upon request by Bank.

3. Authorization. Grantor hereby authorizes Bank to (a) modify this Agreement unilaterally by amending the exhibits to this Agreement to include any Intellectual Property Collateral which Grantor obtains subsequent to the date of this Agreement, and (b) file a duplicate original of this Agreement containing amended exhibits reflecting such new Intellectual Property Collateral.

4. Loan Documents. This Agreement has been entered into pursuant to and in conjunction with the Loan Agreement, which is hereby incorporated by reference. The provisions of the Loan Agreement shall supersede and control over any conflicting or inconsistent provision herein. The rights and remedies of Bank with respect to the Intellectual Property Collateral are as provided by the Loan Agreement and related documents, and nothing in this Agreement shall be deemed to limit such rights and remedies.

5. Execution in Counterparts. This Agreement may be executed in counterparts (and by different parties hereto in different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page to this Agreement by facsimile or in electronic (i.e., "pdf" or "tif" format) shall be effective as delivery of a manually executed counterpart of this Agreement.

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

7. Governing Law. This Agreement and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Agreement and the

transactions contemplated hereby and thereby shall be governed by, and construed in accordance with, the laws of the United States and the State of California, without giving effect to any choice or conflict of law provision or rule (whether of the State of California or any other jurisdiction).

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IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

AIRBIQUITY, INC.

By: [Signature]
Title: CEO

BANK:

SILICON VALLEY BANK

By: [Signature]
Title: Vice President

[Signature Page to Intellectual Property Security Agreement]

EXHIBIT A

Copyrights

Asset	Registration, Application, or Other ID No.	Entity	Relevant Jurisdiction
aqLink 5 Software	TXu 7-147-805 (Dec. 8, 2009)	Airbiquity Inc.	U.S.A.

EXHIBIT B

Patents

Issued Patents:

PATENT NUMBER	TITLE	GRANT DATE	COUNTRY
D448,366	ACCESS MODULE FOR A CELLULAR TELEPHONE HANDSET	Sep 25, 2001	US
7,283,904	MULTI-SENSOR FUSION	Oct 16, 2007	US
7,164,662	NETWORK DELAY IDENTIFICATION METHOD AND APPARATUS	Jan 16, 2007	US
7,283,567	NETWORK DELAY IDENTIFICATION METHOD AND APPARATUS	Oct 16, 2007	US
7,215,965	FACILITY AND METHOD FOR WIRELESS TRANSMISSION OF LOCATION DATA IN A VOICE CHANNEL OF A DIGITAL WIRELESS COMMUNICATIONS NETWORK	May 8, 2007	US
7,509,134	REMOTE METHOD FOR WIRELESS TRANSMISSION OF LOCATION DATA	Mar 24, 2009	US
7,848,763	REMOTE METHOD FOR WIRELESS TRANSMISSION OF LOCATION DATA	Dec 7, 2010	US
7,269,188	SIMULTANEOUS VOICE AND DATA MODEM	Sep 11, 2007	US
7,411,982	DIGITAL WIRELESS VOICE AND DATA MODEM	Aug 12, 2008	US
6,771,629	IN-BAND SIGNALING FOR SYNCHRONIZATION IN A VOICE COMMUNICATIONS NETWORK	Aug 3, 2004	US
D479,228	HANDS-FREE KIT FOR MOUNTING A WIRELESS DEVICE IN A VEHICLE	Sep 2, 2003	US
7,508,810	VOICE CHANNEL CONTROL OF WIRELESS PACKET DATA COMMUNICATIONS	Mar 24, 2009	US
7,733,853	VOICE CHANNEL CONTROL OF REMOTE DATA	Jun 8, 2010	US
8,036,201	VOICE CHANNEL CONTROL OF REMOTE DATA	Oct 11, 2011	US
7,924,934	TIME DIVERSITY VOICE CHANNEL DATA COMMUNICATIONS	Apr 12, 2011	US
8,391,775	MOBILE DIGITAL RADIO PLAYLIST SYSTEM	Mar 5, 2013	US
8,014,942	REMOTE DESTINATION PROGRAMMING IN A NAVIGATION SERVER SYSTEM	Sep 6, 2011	US
6,144,336	SYSTEM AND METHOD TO COMMUNICATE TIME STAMPED, 3-AXIS GEO-POSITION DATA WITHIN TELECOMMUNICATIONS NETWORKS	Nov 7, 2000	US
7,221,669	CELLULAR TELEPHONE HAVING IMPROVED IN-BAND SIGNALING FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS TELECOMMUNICATIONS NETWORKS	May 22, 2007	US
7,206,305	SOFTWARE CODE FOR IMPROVED IN-BAND SIGNALING FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS TELECOMMUNICATIONS NETWORKS	Apr 17, 2007	US
7,317,696	METHOD FOR IN-BAND SIGNALING OF DATA OVER DIGITAL WIRELESS TELECOMMUNICATIONS NETWORKS	Jan 8, 2008	US
7,286,522	SYNCHRONIZER FOR USE WITH IMPROVED IN-BAND SIGNALING FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS TELECOMMUNICATIONS NETWORK	Oct 23, 2007	US
7,151,768	IN-BAND SIGNALING FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS TELECOMMUNICATIONS NETWORKS	Dec 19, 2006	US
8,068,792	IN-BAND SIGNALING FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS TELECOMMUNICATIONS NETWORKS	Nov 29, 2011	US
7,747,281	IN-BAND SIGNALING FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS TELECOMMUNICATIONS NETWORK	Jun 29, 2010	US
6,690,681	VOICEBAND MODEM FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS NETWORKS	Feb 10, 2004	US

PATENT NUMBER	TITLE	GRANT DATE	COUNTRY
6,493,338	MULTICHANNEL IN-BAND SIGNALING FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS TELECOMMUNICATIONS NETWORKS	Dec 10, 2002	US
6,681,121	CIRCUITRY FOR ACTIVATING A MODEM IN A CELLULAR TELEPHONE	Jan 20, 2004	US
7,979,095	WIRELESS IN-BAND SIGNALING WITH IN-VEHICLE SYSTEMS	Jul 12, 2011	US
8,369,393	WIRELESS IN-BAND SIGNALING WITH IN-VEHICLE SYSTEMS	Feb 5, 2013	US
7,983,310	METHODS FOR IN-BAND SIGNALING THROUGH ENHANCED VARIABLE-RATE CODECS	Jul 19, 2011	US
8,594,138	METHODS FOR IN-BAND SIGNALING THROUGH ENHANCED VARIABLE-RATE CODECS	Nov 26, 2013	US
8,417,211	MOTOR VEHICLE CONTROL OF EMERGENCY DATA COMMUNICATIONS	Apr 9, 2013	US
8,036,600	USING A BLUETOOTH CAPABLE MOBILE PHONE TO ACCESS A REMOTE NETWORK	Oct 11, 2011	US
8,195,093	USING A BLUETOOTH CAPABLE MOBILE PHONE TO ACCESS A REMOTE NETWORK	Jun 5, 2012	US
8,073,440	AUTOMATIC GAIN CONTROL IN A NAVIGATION DEVICE	Dec 6, 2011	US
8,346,227	AUTOMATIC GAIN CONTROL IN A NAVIGATION DEVICE	Jan 1, 2013	US
8,452,247	AUTOMATIC GAIN CONTROL	May 28, 2013	US
8,249,865	ADAPTIVE DATA TRANSMISSION FOR A DIGITAL IN-BAND MODEM OPERATING OVER A VOICE CHANNEL	Aug 21, 2012	US
8,326,486	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Dec 4, 2012	US
8,418,039	EFFICIENT FORWARD ERROR CORRECTION METHOD FOR DATA TRANSMISSION IN A WIRELESS IN-BAND SIGNALING SYSTEM	Apr 9, 2013	US
8,050,817	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Nov 1, 2011	US
7,966,111	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Jun 21, 2011	US
8,676,135	IN-VEHICLE MOBILE MUSIC PURCHASE	Mar 18, 2014	US
8,787,869	WIRELESS EMERGENCY CALL (ECALL) DEVICES AND ECALL SERVICE SUBSCRIPTION MANAGEMENT	Jul 22, 2014	US
8,831,823	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Sep 9, 2014	US
8,831,824	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Sep 9, 2014	US
8,838,332	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Sep 16, 2014	US
8,848,825	ECHO CANCELLATION IN WIRELESS INBAND SIGNALING MODEM	Sep 30, 2014	US
8,942,888	EXTENSIBLE SCHEME FOR OPERATING VEHICLE HEAD UNIT AS EXTENDED INTERFACE FOR MOBILE DEVICE	Jan 27, 2015	US
8,965,669	ELECTRIC VEHICLE CHARGING NETWORK SERVICES	Feb 24, 2015	US
8,971,839	IN-VEHICLE SYSTEM (IVS) CONTROL OF EMERGENCY DATA COMMUNICATIONS	Mar 3, 2015	US
7,283,567	NETWORK DELAY IDENTIFICATION METHOD AND APPARATUS	Oct 16, 2007	US
6,236,652	GEOSPACIAL INTERNET PROTOCOL ADDRESSING	May 22, 2001	US
6,614,349	FACILITY AND METHOD FOR TRACKING PHYSICAL ASSETS	Sep 2, 2003	US
6,920,129	GOR-SPACIAL INTERNET PROTOCOL ADDRESSING	Jul 19, 2005	US

PATENT NUMBER	TITLE	GRANT DATE	COUNTRY
2006210866	VOICE CHANNEL CONTROL OF WIRELESS PACKET DATA COMMUNICATIONS	Oct 7, 2010	AU
2000250157	VOICEBAND MODEM FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS NETWORKS	Jul 20, 2006	AU
2008311749	WIRELESS IN-BAND SIGNALING WITH IN-VEHICLE SYSTEMS	May 2, 2013	AU
2009291547	METHODS FOR IN-BAND SIGNALING THROUGH ENHANCED VARIABLE-RATE CODECS	Sep 5, 2013	AU
2010245160	AUTOMATIC GAIN CONTROL IN A PERSONAL NAVIGATION DEVICE	Nov 28, 2013	AU
2,595,899	VOICE CHANNEL CONTROL OF WIRELESS PACKET DATA COMMUNICATIONS	Mar 27, 2012	CA
2,617,603	TIME DIVERSITY VOICE CHANNEL DATA COMMUNICATIONS	Jun 5, 2012	CA
2,401,939	VOICEBAND MODEM FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS NETWORKS	Jun 21, 2011	CA
2,735,135	METHODS FOR IN-BAND SIGNALING THROUGH ENHANCED VARIABLE-RATE CODECS	Jul 23, 2013	CA
2,753,973	IN-VEHICLE SYSTEM (IVS) CONTROL OF EMERGENCY DATA COMMUNICATIONS	Oct 8, 2013	CA
2758794	AUTOMATIC GAIN CONTROL IN A PERSONAL NAVIGATION DEVICE	Feb 19, 2013	CA
200780001021.3	TIME DIVERSITY VOICE CHANNEL DATA COMMUNICATIONS	Apr 17, 2013	CN
ZL98800997.8	SYSTEM AND METHOD TO COMMUNICATE TIME STAMPED, 3-AXIS GEO-POSITION DATA WITHIN TELECOMMUNICATION NETWORKS	Apr 11, 2007	CN
ZL 200710087832.1	SYSTEM AND METHOD TO COMMUNICATE TIME STAMPED, 3-AXIS GEO-POSITION DATA WITHIN TELECOMMUNICATION NETWORKS	Dec 2, 2009	CN
ZL 00819457.2	VOICEBAND MODEM FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS NETWORKS	Feb 9, 2005	CN
01813207.3	A SYSTEM FOR COMMUNICATING DIGITAL DATA OVER A VOICE CHANNEL OF A DIGITAL TELECOMMUNICATIONS NETWORK	Nov 14, 2012	CN
ZL 200910005498.X	A SYSTEM FOR COMMUNICATING DIGITAL DATA OVER A VOICE CHANNEL OF A DIGITAL TELECOMMUNICATIONS NETWORK	Dec 5, 2012	CN
602006018580.4-08	VOICE CHANNEL CONTROL OF WIRELESS PACKET DATA COMMUNICATIONS	Dec 1, 2010	DE
602006023962.9	TIME DIVERSITY VOICE CHANNEL DATA COMMUNICATIONS	Aug 24, 2011	DE
60044440.6	VOICEBAND MODEM FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS NETWORKS	May 19, 2010	DE
60138464.4	ENHANCED INBAND SIGNALING FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS TELECOMMUNICATIONS NETWORK	Apr 22, 2009	DE
1844587	VOICE CHANNEL CONTROL OF WIRELESS PACKET DATA COMMUNICATIONS	Dec 1, 2010	EP
1843503	TIME DIVERSITY VOICE CHANNEL DATA COMMUNICATIONS	Aug 24, 2011	EP
1273190	VOICEBAND MODEM FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS NETWORKS	May 19, 2010	EP
1297632	ENHANCED INBAND SIGNALING FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS TELECOMMUNICATIONS NETWORK	Apr 22, 2009	EP
1844587	VOICE CHANNEL CONTROL OF WIRELESS PACKET DATA COMMUNICATIONS	Dec 1, 2010	FR
1843503	TIME DIVERSITY VOICE CHANNEL DATA COMMUNICATIONS	Aug 24, 2011	FR

PATENT NUMBER	TITLE	GRANT DATE	COUNTRY
1273190	VOICEBAND MODEM FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS NETWORKS	May 19, 2010	FR
1297632	ENHANCED INBAND SIGNALING FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS TELECOMMUNICATIONS NETWORK	Apr 22, 2009	FR
1844587	VOICE CHANNEL CONTROL OF WIRELESS PACKET DATA COMMUNICATIONS	Dec 1, 2010	GB
1843503	TIME DIVERSITY VOICE CHANNEL DATA COMMUNICATIONS	Aug 24, 2011	GB
1273190	VOICEBAND MODEM FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS NETWORKS	May 19, 2010	GB
1297632	ENHANCED INBAND SIGNALING FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS TELECOMMUNICATIONS NETWORK	Apr 22, 2009	GB
HK1130913	TIME DIVERSITY VOICE CHANNEL DATA COMMUNICATIONS	Oct 11, 2013	HK
1135242	ENHANCED IN-BAND SIGNALING FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS TELECOMMUNICATIONS NETWORKS	Oct 4, 2013	HK
1844587	VOICE CHANNEL CONTROL OF WIRELESS PACKET DATA COMMUNICATIONS	Dec 1, 2010	IT
1843503	TIME DIVERSITY VOICE CHANNEL DATA COMMUNICATIONS	Aug 24, 2011	IT
1273190	VOICEBAND MODEM FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS NETWORKS	May 19, 2010	IT
1297632	ENHANCED INBAND SIGNALING FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS TELECOMMUNICATIONS NETWORK	Apr 22, 2009	IT
5208520	VOICE CHANNEL CONTROL OF WIRELESS PACKET DATA COMMUNICATIONS	Mar 1, 2013	JP
3548181	SYSTEM AND METHOD TO COMMUNICATE TIME-STAMPED, 3-AXIS...	Apr 23, 2004	JP
5414139	ENHANCED INBAND SIGNALING FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS	Nov 22, 2013	JP
5185390	WIRELESS IN-BAND SIGNALING WITH IN-VEHICLE SYSTEMS	Jan 25, 2013	JP
5211245	METHODS FOR IN-BAND SIGNALING THROUGH ENHANCED VARIABLE-RATE CODECS	Mar 1, 2013	JP
5073858	MOTOR VEHICLE CONTROL OF EMERGENCY DATA COMMUNICATIONS	Aug 31, 2012	JP
5364201	USING A BLUETOOTH CAPABLE MOBILE PHONE TO ACCESS A REMOTE NETWORK	Sep 13, 2013	JP
5247933	AUTOMATIC GAIN CONTROL IN A PERSONAL NAVIGATION DEVICE	Apr 19, 2013	JP
10-0982963	VOICE CHANNEL CONTROL OF WIRELESS PACKET DATA COMMUNICATIONS	Sep 13, 2010	KR
10-0726107	VOICEBAND MODEM FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS NETWORKS	Jun 1, 2007	KR
10-1243040	REMOTE DESTINATION PROGRAMMING IN A NAVIGATION SERVER SYSTEM	Mar 7, 2013	KR
10-1293069	WIRELESS IN-BAND SIGNALING WITH IN-VEHICLE SYSTEMS	Jul 30, 2013	KR
10-1242405	METHODS FOR IN-BAND SIGNALING THROUGH ENHANCED VARIABLE-RATE CODECS	Mar 6, 2013	KR
10-1283381	USING A BLUETOOTH CAPABLE MOBILE PHONE TO ACCESS A REMOTE NETWORK	Jul 2, 2013	KR
237267	IN-BAND SIGNALING FOR SYNCHRONIZATION IN A VOICE COMMUNICATIONS	May 26, 2006	MX
276346	VOICE CHANNEL CONTROL OF WIRELESS PACKET DATA COMMUNICATIONS	Jun 3, 2010	MX

PATENT NUMBER	TITLE	GRANT DATE	COUNTRY
276347	CONCOMITANT INBAND SIGNALING FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS TELECOMMUNICATIONS NETWORK	Jun 3, 2010	MX
230547	VOICEBAND MODEM FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS NETWORKS	Sep 12, 2005	MX
307640	MOBILE DIGITAL RADIO PLAYLIST SYSTEM	Mar 7, 2013	MX
294519	WIRELESS IN-BAND SIGNALING WITH IN-VEHICLE SYSTEMS	Jan 11, 2012	MX
307076	METHODS FOR IN-BAND SIGNALING THROUGH ENHANCED VARIABLE-RATE CODECS	Jan 29, 2013	MX
312542	MOTOR VEHICLE CONTROL OF EMERGENCY DATA COMMUNICATIONS	Aug 22, 2013	MX
315578	EFFICIENT ERROR CORRECTION SCHEME FOR DATA TRANSMISSION IN A WIRELESS IN-BAND SIGNALING SYSTEM	Nov 22, 2013	MX
1844587	VOICE CHANNEL CONTROL OF WIRELESS PACKET DATA COMMUNICATIONS	Dec 1, 2010	NL
1843503	TIME DIVERSITY VOICE CHANNEL DATA COMMUNICATIONS	Aug 24, 2011	NL
1273190	VOICEBAND MODEM FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS NETWORKS	May 19, 2010	NL
1297632	ENHANCED INBAND SIGNALING FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS TELECOMMUNICATIONS NETWORK	Apr 22, 2009	NL
1358940	WIRELESS IN-BAND SIGNALING WITH IN-VEHICLE SYSTEMS	Feb 21, 2012	TW
1384202	REMOTE DESTINATION PROGRAMMING IN A NAVIGATION SERVER SYSTEM	Feb 1, 2013	TW

Patent applications:

APP. NO.	TITLE	FILING DATE	COUNTRY
14/302,620	WIRELESS EMERGENCY CALL (ECALL) DEVICES AND ECALL SERVICE SUBSCRIPTION MANAGEMENT	Jun 12, 2014	US
13/605,846	MOBILE INTEGRATION PLATFORM (MIP) INTEGRATED HANDSET APPLICATION PROXY (HAP)	Sep 6, 2012	US
14/594,923	ELECTRIC VEHICLE CHARGING NETWORK SERVICES	Jan 12, 2015	US
13/735,932	USER INTERFACE FOR MOBILE DEVICE	Jan 7, 2013	US
13/911,454	ASSESSMENT OF ELECTRONIC SENSOR DATA TO REMOTELY IDENTIFY A MOTOR VEHICLE AND MONITOR DRIVER BEHAVIOR	Jun 6, 2013	US
61/740,376	EFFICIENT HEADUNIT COMMUNICATION INTEGRATION	Dec 20, 2012	US
14/135,165	EFFICIENT HEADUNIT COMMUNICATION INTEGRATION	Dec 19, 2013	US
13/797,133	USING A FULL DUPLEX VOICE PROFILE OF A SHORT RANGE COMMUNICATION PROTOCOL TO PROVIDE DIGITAL DATA	Mar 12, 2013	US
2012283892	WIRELESS EMERGENCY CALL (ECALL) DEVICES AND ECALL SERVICE SUBSCRIPTION MANAGEMENT	Jul 20, 2012	AU
2010306903	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	AU
2010306911	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	AU
2010306918	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	AU
2010306831	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	AU

APP. NO.	TITLE	FILING DATE	COUNTRY
2010245159	USING A BLUETOOTH CAPABLE MOBILE PHONE TO ACCESS A REMOTE NETWORK	Apr 5, 2010	AU
2014277813	USING A BLUETOOTH CAPABLE MOBILE PHONE TO ACCESS A REMOTE NETWORK	Apr 5, 2010	AU
2013257428	AUTOMATIC GAIN CONTROL IN A PERSONAL NAVIGATION DEVICE	Apr 5, 2010	AU
2010322322	ADAPTIVE DATA TRANSMISSION FOR A DIGITAL IN-BAND MODEM OPERATING OVER A VOICE CHANNEL	Oct 18, 2010	AU
2010281550	EFFICIENT ERROR CORRECTION SCHEME FOR DATA TRANSMISSION IN A WIRELESS IN-BAND SIGNALING SYSTEM	Jul 14, 2010	AU
BR 11 2012 007066 5	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	BR
BR1120120073672	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	BR
BR 11 2012 007368 0	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	BR
BR 11 2012 007371 0	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	BR
PI10105271	MOTOR VEHICLE CONTROL OF EMERGENCY DATA COMMUNICATIONS	Mar 2, 2010	BR
PI10146970	USING A BLUETOOTH CAPABLE MOBILE PHONE TO ACCESS A REMOTE NETWORK	Apr 5, 2010	BR
PI 10151567	AUTOMATIC GAIN CONTROL IN A PERSONAL NAVIGATION DEVICE	Apr 5, 2010	BR
BR1120120001680	EFFICIENT ERROR CORRECTION SCHEME FOR DATA TRANSMISSION IN A WIRELESS IN-BAND SIGNALING SYSTEM	Jul 14, 2010	BR
2,849,254	ECHO CANCELLATION IN WIRELESS INBAND SIGNALING MODEM	Aug 28, 2012	CA
2,842,356	WIRELESS EMERGENCY CALL (ECALL) DEVICES AND ECALL SERVICE SUBSCRIPTION MANAGEMENT	Jul 20, 2012	CA
2,846,396	EXTENSIBLE SCHEME FOR OPERATING VEHICLE HEAD UNIT AS EXTENDED INTERFACE FOR MOBILE DEVICE	Sep 6, 2012	CA
2,846,449	MOBILE INTEGRATION PLATFORM (MIP) INTEGRATED HANDSET APPLICATION PROXY (HAP)	Sep 6, 2012	CA
2,860,633	ELECTRIC VEHICLE CHARGING NETWORK SERVICES	Jan 8, 2013	CA
2,860,569	USER INTERFACE FOR MOBILE DEVICE	Jan 7, 2013	CA
2,696,848	WIRELESS IN-BAND SIGNALING WITH IN-VEHICLE SYSTEMS	Oct 20, 2008	CA
2,774,061	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	CA
2,773,840	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	CA
2,774,057	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	CA
2,774,055	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	CA
2,758,793	USING A BLUETOOTH CAPABLE MOBILE PHONE TO ACCESS A REMOTE NETWORK	Apr 5, 2010	CA
2,768,635	EFFICIENT ERROR CORRECTION SCHEME FOR DATA TRANSMISSION IN A WIRELESS IN-BAND SIGNALING SYSTEM	Jul 14, 2010	CA
200980107596.2	REMOTE DESTINATION PROGRAMMING IN A NAVIGATION SERVER SYSTEM	Mar 5, 2009	CN
201280046303.6	ECHO CANCELLATION IN WIRELESS INBAND SIGNALING MODEM	Aug 28, 2012	CN

APP. NO.	TITLE	FILING DATE	COUNTRY
201280031421.X	WIRELESS EMERGENCY CALL (ECALL) DEVICES AND ECALL SERVICE SUBSCRIPTION MANAGEMENT	Jul 20, 2012	CN
201280044421.3	EXTENSIBLE SCHEME FOR OPERATING VEHICLE HEAD UNIT AS EXTENDED INTERFACE FOR MOBILE DEVICE	Sep 6, 2012	CN
201280044456.7	MOBILE INTEGRATION PLATFORM (MIP) INTEGRATED HANDSET APPLICATION PROXY (HAP)	Sep 6, 2012	CN
201380004852.1	ELECTRIC VEHICLE CHARGING NETWORK SERVICES	Jan 8, 2013	CN
201380004415.X	USER INTERFACE FOR MOBILE DEVICE	Jan 7, 2013	CN
201380030267.9	SENSOR DATA ASSESSMENT OF A MOTOR VEHICLE	Jun 6, 2013	CN
2010800467080	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	CN
2010800466942	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	CN
2010800467042	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	CN
2010800467061	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	CN
201080009272.8	MOTOR VEHICLE CONTROL OF EMERGENCY DATA COMMUNICATIONS	Mar 2, 2010	CN
201080052411.5	ADAPTIVE DATA TRANSMISSION FOR A DIGITAL IN-BAND MODEM OPERATING OVER A VOICE CHANNEL	Oct 18, 2010	CN
201080034299.2	EFFICIENT ERROR CORRECTION SCHEME FOR DATA TRANSMISSION IN A WIRELESS IN-BAND SIGNALING SYSTEM	Jul 14, 2010	CN
05076455.4	VOICEBAND MODEM FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS NETWORKS	May 15, 2000	EP
08021518.9	ENHANCED INBAND SIGNALING FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS TELECOMMUNICATIONS NETWORK	Jun 22, 2001	EP
09717923.8	REMOTE DESTINATION PROGRAMMING IN A NAVIGATION SERVER SYSTEM	Mar 5, 2009	EP
12834298.7	ECHO CANCELLATION IN WIRELESS INBAND SIGNALING MODEM	Aug 28, 2012	EP
12743823.2	WIRELESS EMERGENCY CALL (ECALL) DEVICES AND ECALL SERVICE SUBSCRIPTION MANAGEMENT	Jul 20, 2012	EP
12832156.9	EXTENSIBLE SCHEME FOR OPERATING VEHICLE HEAD UNIT AS EXTENDED INTERFACE FOR MOBILE DEVICE	Sep 6, 2012	EP
12832263.3	MOBILE INTEGRATION PLATFORM (MIP) INTEGRATED HANDSET APPLICATION PROXY (HAP)	Sep 6, 2012	EP
13736095.4	ELECTRIC VEHICLE CHARGING NETWORK SERVICES	Jan 8, 2013	EP
13801039.2	ASSESSMENT OF ELECTRONIC SENSOR DATA TO REMOTELY IDENTIFY A MOTOR VEHICLE AND MONITOR DRIVER BEHAVIOR	Jun 6, 2013	EP
08840726.7	WIRELESS IN-BAND SIGNALING WITH IN-VEHICLE SYSTEMS	Oct 20, 2008	EP
10769123.0	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	EP
10775959.9	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	EP
10769124.8	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	EP
10824027.6	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	EP
09813752.4	METHODS FOR IN-BAND SIGNALING THROUGH ENHANCED VARIABLE-RATE CODECS	Sep 14, 2009	EP
09752584.4	IN-VEHICLE MOBILE MUSIC PURCHASE	Oct 28, 2009	EP

APP. NO.	TITLE	FILING DATE	COUNTRY
10709322.1	MOTOR VEHICLE CONTROL OF EMERGENCY DATA COMMUNICATIONS	Mar 2, 2010	EP
10714998.1	USING A BLUETOOTH CAPABLE MOBILE PHONE TO ACCESS A REMOTE NETWORK	Apr 5, 2010	EP
10714999.9	AUTOMATIC GAIN CONTROL IN A PERSONAL NAVIGATION DEVICE	Apr 5, 2010	EP
10734419.4	EFFICIENT ERROR CORRECTION SCHEME FOR DATA TRANSMISSION IN A WIRELESS IN-BAND SIGNALING SYSTEM	Jul 14, 2010	EP
2014-531836	ECHO CANCELLATION IN WIRELESS INBAND SIGNALING MODEM	Aug 28, 2012	JP
2014-521821	WIRELESS EMERGENCY CALL (ECALL) DEVICES AND ECALL SERVICE SUBSCRIPTION MANAGEMENT	Jul 20, 2012	JP
2014-529858	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Sep 6, 2012	JP
2014-529866	MOBILE INTEGRATION PLATFORM (MIP) INTEGRATED HANDSET APPLICATION PROXY (HAP)	Sep 6, 2012	JP
2014-551408	ELECTRIC VEHICLE CHARGING NETWORK SERVICES	Jan 8, 2013	JP
2014-551400	USER INTERFACE FOR MOBILE DEVICE	Jan 7, 2013	JP
Pending National Phase of PCT/US 2013/044448	ASSESSMENT OF ELECTRONIC SENSOR DATA TO REMOTELY IDENTIFY A MOTOR VEHICLE AND MONITOR DRIVER BEHAVIOR	Jun 6, 2013	JP
2012-534323	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	JP
2012-534326	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	JP
2012-539913	ADAPTIVE DATA TRANSMISSION FOR A DIGITAL IN-BAND MODEM OPERATING OVER A VOICE CHANNEL	Oct 18, 2010	JP
2012-523627	EFFICIENT ERROR CORRECTION SCHEME FOR DATA TRANSMISSION IN A WIRELESS IN-BAND SIGNALING SYSTEM	Jul 14, 2010	JP
MX/a/2012/004330	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	MX
PCT/US10/53006	ADAPTIVE DATA TRANSMISSION FOR A DIGITAL IN-BAND MODEM OPERATING OVER A VOICE CHANNEL	Oct 18, 2010	WO
PCT/US2012/052712	ECHO CANCELLATION IN WIRELESS INBAND SIGNALING MODEM	Aug 28, 2012	WO
PCT/US2012/047579	WIRELESS EMERGENCY CALL (ECALL) DEVICES AND ECALL SERVICE SUBSCRIPTION MANAGEMENT	Jul 20, 2012	WO
PCT/US2012/053977	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Sep 6, 2012	WO
PCT/US2012/054001	MOBILE INTEGRATION PLATFORM (MIP) INTEGRATED HANDSET APPLICATION PROXY (HAP)	Sep 6, 2012	WO
PCT/US2013/020697	ELECTRIC VEHICLE CHARGING NETWORK SERVICES	Jan 8, 2013	WO
PCTUS2013020579	USER INTERFACE FOR MOBILE DEVICE	Jan 7, 2013	WO
PCT/US2013/044448	ASSESSMENT OF ELECTRONIC SENSOR DATA TO REMOTELY IDENTIFY A MOTOR VEHICLE AND MONITOR DRIVER BEHAVIOR	Jun 6, 2013	WO
PCT/US2013/030587	USING A FULL DUPLEX VOICE PROFILE OF A SHORT RANGE COMMUNICATION PROTOCOL TO PROVIDE DIGITAL DATA	Mar 12, 2013	WO
PCT/US2010/052493	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	WO
PCT/US2010/052511	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	WO
PCT/US2010/052515	CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES	Oct 13, 2010	WO
PCT/US2013/076710	EFFICIENT HEADUNIT COMMUNICATION INTEGRATION	Dec 19, 2013	WO

EXHIBIT C

Trademarks

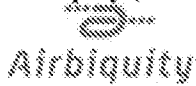
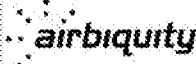
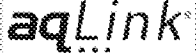
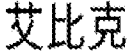

Term (and design, if any)	International Class No.	Relevant Jurisdiction	Registration No.
Airbiquity (and design): 	9, 38	WIPO	1006766
	9, 38	U.S.A.	3714751
	9, 38	China	1006766
Airbiquity (and design): 	9, 38	WIPO	0988654
	9, 38	U.S.A.	3704511
	9, 38	China	988654
Airbiquity	38	U.S.A.	2698331
	38	Argentina	1910093
	9	Argentina	1910092
	9	U.S.A.	2698332
	9, 38	WIPO	0981079
	9, 38	China	981079
	9, 38	China	988654
	9, 38	WIPO	0988654
Airbiquity Choreo	38	U.S.A.	3980637
Airbiquity Connected Services	9, 38	China	1006867
	9, 38	WIPO	1006867
	9, 38	U.S.A.	3708607
Airbiquity Delivers the Vehicle to Your Connected World	38	U.S.A.	4008509
aqLink	9	Argentina	1910091
	9	China	981080
	9	WIPO	0981080
	9	U.S.A.	2791901
aqLink (and design): 	9	U.S.A.	3843556
	9	WIPO	0988706
	9	China	988706
aqServer	9	U.S.A.	2798286
	9	WIPO	0982009
	9	China	982009
(design only): 	38	China	7158342
	9	China	7158343
GPS (and design): US Canceled 	9	WIPO	0981610
	9	U.S.A.	2669894
	9	China	981610
Location Commerce	37	U.S.A.	2602315
	37, 38, 39, 45	China	990833
	37, 38, 39, 45	WIPO	0990833
Place the Call	42	China	974847
	42	WIPO	0974847
VIAaq	38	U.S.A.	3666159

EXHIBIT D

Mask Works

None.