

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

Patent Security Agreement

CONVEYING PARTY DATA

Name	Execution Date
iBiquity Digital Corporation	12/01/2006

RECEIVING PARTY DATA

Name:	Merrill Lynch Credit Products, LLC, as Administrative and Collateral Agent
Street Address:	4 World Financial Center
Internal Address:	North Tower - 22nd Floor
City:	New York
State/Country:	NEW YORK
Postal Code:	10080

PROPERTY NUMBERS Total: 96

Property Type	Number
Patent Number:	5278826
Patent Number:	5278844
Patent Number:	5315583
Patent Number:	5465396
Patent Number:	5517535
Patent Number:	5523726
Patent Number:	5559830
Patent Number:	5566214
Patent Number:	5579345
Patent Number:	5588022
Patent Number:	5598441
Patent Number:	5606576
Patent Number:	5633896
Patent Number:	5673292

PATENT

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REEL: 018606 FRAME: 0578

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Patent Number:	5703954
Patent Number:	5745525
Patent Number:	5757854
Patent Number:	5764706
Patent Number:	5768323
Patent Number:	5809065
Patent Number:	5828705
Patent Number:	5850415
Patent Number:	5859876
Patent Number:	5878089
Patent Number:	5898732
Patent Number:	5903598
Patent Number:	5930687
Patent Number:	5949813
Patent Number:	5956373
Patent Number:	5956624
Patent Number:	6014407
Patent Number:	6108810
Patent Number:	6128334
Patent Number:	6128350
Patent Number:	6148007
Patent Number:	6178317
Patent Number:	6243424
Patent Number:	6259893
Patent Number:	6292511
Patent Number:	6295317
Patent Number:	6317470
Patent Number:	6345377
Patent Number:	6400758
Patent Number:	6430227
Patent Number:	6452977
Patent Number:	6480536
Patent Number:	6487256
Patent Number:	6510175
Patent Number:	6523147

Patent Number:	6532258
Patent Number:	6539063
Patent Number:	6549544
Patent Number:	6556639
Patent Number:	6563880
Patent Number:	6570943
Patent Number:	6590944
Patent Number:	6622008
Patent Number:	6639949
Patent Number:	6671340
Patent Number:	6721337
Patent Number:	6735257
Patent Number:	6798849
Patent Number:	6845230
Patent Number:	6891898
Patent Number:	6895060
Patent Number:	6898249
Patent Number:	6901242
Patent Number:	6970685
Patent Number:	6982948
Patent Number:	7043681
Application Number:	10032951
Application Number:	10007338
Application Number:	10044195
Application Number:	10045120
Application Number:	10136136
Application Number:	10210143
Application Number:	10259072
Application Number:	10259073
Application Number:	10261453
Application Number:	10261454
Application Number:	10373484
Application Number:	10377513
Application Number:	10465443
Application Number:	10672441

Application Number:	10715582
Application Number:	10764629
Application Number:	10770314
Application Number:	10874681
Application Number:	10898829
Application Number:	10937619
Application Number:	11081267
Application Number:	11101795
Application Number:	11188344
Application Number:	11272978
Application Number:	11273099
Application Number:	11273396

#### CORRESPONDENCE DATA

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NAME OF SUBMITTER:	Matthew Mayer
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#### Total Attachments: 18

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**EXHIBIT A****PATENTS****REGISTERED U.S. PATENTS**

<b>Assignee</b>	<b>Patent No.</b>	<b>Issue Date</b>	<b>Title</b>
IBIQUITY DIGITAL CORPORATION	5,278,826	01/11/94	Method and Apparatus For Digital Audio Broadcasting and Reception
IBIQUITY DIGITAL CORPORATION	5,278,844	01/11/94	Method and Apparatus For Digital Audio Broadcasting and Reception
IBIQUITY DIGITAL CORPORATION	5,315,583	05/24/94	Method and Apparatus For Digital Audio Broadcasting and Reception
IBIQUITY DIGITAL CORPORATION	5,465,396	11/07/95	In-Band On-Channel Digital Broadcasting
IBIQUITY DIGITAL CORPORATION	5,517,535	05/14/96	Numerically Controlled Oscillator With Complex Exponential Outputs Using Recursion Technique
IBIQUITY DIGITAL CORPORATION	5,523,726	06/04/96	Digital Quadrature-Shift Keying Modulator
IBIQUITY DIGITAL CORPORATION	5,559,830	09/24/96	Equalization System for AM Compatible Digital Receiver
IBIQUITY DIGITAL CORPORATION	5,566,214	10/15/96	Automatic Noise Normalization And Reacquisition Control For A QPSK Demodulator Tracking Loop
IBIQUITY DIGITAL CORPORATION	5,579,345	11/26/96	Carrier Tracking Loop For QPSK Demodulator
IBIQUITY DIGITAL CORPORATION	5,588,022	12/24/96	Method and Apparatus For AM Compatible Digital Broadcasting
IBIQUITY DIGITAL CORPORATION	5,598,441	01/28/97	Carrier Acquisition Technique for Mobile Radio QPSK Demodulator
IBIQUITY DIGITAL CORPORATION	5,606,576	02/25/97	Adaptive Mode Control System For AM Compatible Digital Broadcast
IBIQUITY DIGITAL CORPORATION	5,633,896	05/27/97	AM Compatible Digital Waveform Demodulation Using a Dual FFT
IBIQUITY DIGITAL CORPORATION	5,673,292	09/30/97	AM-PSK System For Broadcasting A Composite Analog and Digital Signal Using Adaptive M-ary PSK Modulation

Assignee	Patent No.	Issue Date	Title
IBIQUITY DIGITAL CORPORATION	5,703,954	12/30/97	Method and Apparatus For Improving The Quality Of AM Compatible Digital Broadcast System Signals In The Presence Of Distortion
IBIQUITY DIGITAL CORPORATION	5,745,525	04/28/98	Method And Apparatus For Simultaneously Broadcasting And Receiving Digital And Analog Signals
IBIQUITY DIGITAL CORPORATION	5,757,854	05/26/98	In-Band On-Channel Digital Broadcasting
IBIQUITY DIGITAL CORPORATION	5,764,706	06/09/98	AM Compatible Digital Waveform Frame Timing Recovery and Frame Synchronous Power Measurement
IBIQUITY DIGITAL CORPORATION	5,768,323	06/16/98	Symbol Synchronizer Using Modified Early/Punctual/Late Gate Technique
IBIQUITY DIGITAL CORPORATION	5,809,065	09/15/98	Method and Apparatus For Improving The Quality Of AM Compatible Digital Broadcast System Signals In The Presence Of Distortion
IBIQUITY DIGITAL CORPORATION	5,828,705	10/27/98	Carrier Acquisition Technique And Apparatus Having Automatic Flywheel/Tracking/Reacquisition Control And Extended Signal To Noise Ratio
IBIQUITY DIGITAL CORPORATION	5,850,415	12/15/98	In-Band On-Channel Digital Broadcasting
IBIQUITY DIGITAL CORPORATION	5,859,876	01/12/99	Method And Apparatus For Improving AM Compatible Digital Broadcast Analog Fidelity
IBIQUITY DIGITAL CORPORATION	5,878,089	03/02/99	Coherent Signal Detector For AM-Compatible Digital Audio Broadcast Waveform Recovery
IBIQUITY DIGITAL CORPORATION	5,898,732	04/27/99	Data Service Channel For An AM Compatible Broadcast System
IBIQUITY DIGITAL CORPORATION	5,903,598	05/11/99	Method And System For Simultaneously Broadcasting And Receiving Digital And Analog Signals
IBIQUITY DIGITAL CORPORATION	5,930,687	07/27/99	Apparatus And Method For Generating An AM Compatible Digital Broadcast Waveform
IBIQUITY DIGITAL CORPORATION	5,949,813	09/07/99	Method And System For Simultaneously Broadcasting And Receiving Digital And Analog Signals
IBIQUITY DIGITAL CORPORATION	5,956,373	09/21/99	AM Compatible Digital Audio Broadcasting Signal Transmission Using Digitally Modulated Orthogonal Noise-Like Sequences

Assignee	Patent No.	Issue Date	Title
IBIQUITY DIGITAL CORPORATION	5,956,624	09/21/99	Method And System For Simultaneously Broadcasting And Receiving Digital And Analog Signals
IBIQUITY DIGITAL CORPORATION	6,014,407	01/11/00	Method And System For Simultaneously Broadcasting And Receiving Digital And Analog Signals
IBIQUITY DIGITAL CORPORATION	6,108,810	08/22/00	Digital Audio Broadcasting Method Using Puncturable Convolutional Code
IBIQUITY DIGITAL CORPORATION	6,128,334	10/03/00	Receiver Addressable AM Compatible Digital Broadcast System
IBIQUITY DIGITAL CORPORATION	6,128,350	10/3/00	Method And Apparatus For Reducing Peak To Average Power Ratio In Digital audio Broadcasting Systems
IBIQUITY DIGITAL CORPORATION	6,148,007	11/14/00	Method For Data Transmission In A Digital Audio Broadcasting System
IBIQUITY DIGITAL CORPORATION	6,178,317	01/23/01	System and Method for Mitigating Intermittent Interruptions in an Audio Radio Broadcast System
IBIQUITY DIGITAL CORPORATION	6,243,424	06/05/01	Method And Apparatus For AM Digital Broadcasting
IBIQUITY DIGITAL CORPORATION	6,259,893	07/10/01	Method And Apparatus For Reduction Of FM Interference For FM In-Band On-Channel Digital Audio Broadcasting System
IBIQUITY DIGITAL CORPORATION	6,292,511	09/18/01	Method For Equalization Of Complementary Carriers In An AM Compatible Digital Audio Broadcasting System
IBIQUITY DIGITAL CORPORATION	6,295,317	09/25/01	Method And Apparatus For Demodulating And Equalizing An AM Compatible Digital Audio Broadcast Signal
IBIQUITY DIGITAL CORPORATION	6,317,470	11/13/01	Adaptive Weighting For OFDM Soft Symbols Using Channel State Information Estimates
IBIQUITY DIGITAL CORPORATION	6,345,377	02/05/02	Digital Audio Broadcasting Method Using Puncturable Convolutional Code
IBIQUITY DIGITAL CORPORATION	6,400,758	06/04/02	Method And Apparatus For Training Sequence Identification In An AM Compatible Digital Audio Broadcasting System
IBIQUITY DIGITAL CORPORATION	6,430,227	08/06/02	FM In-Band On-Channel Audio Broadcasting Method and System
IBIQUITY DIGITAL CORPORATION	6,452,977	09/17/02	Method and Apparatus for AM Compatible Digital Broadcasting

Assignee	Patent No.	Issue Date	Title
IBIQUITY DIGITAL CORPORATION	6,480,536	12/12/02	Method And Apparatus For Demodulating And Equalizing An AM Compatible Digital Audio Broadcast Signal
IBIQUITY DIGITAL CORPORATION	6,487,256	12/26/02	Method and Apparatus for AM Digital Broadcasting
IBIQUITY DIGITAL CORPORATION	6,510,175	1/21/03	In-Band On-Channel Digital Broadcasting
IBIQUITY DIGITAL CORPORATION	6,523,147	2/18/03	Method and Apparatus for Forward Error Correction Coding for an AM In-Band On-Channel Digital Audio Broadcasting System
IBIQUITY DIGITAL CORPORATION	6,532,258	3/11/03	Method for Estimating Signal-To-Noise Ratio of Digital Carriers in an AM Compatible Digital Audio Broadcasting System
IBIQUITY DIGITAL CORPORATION	6,539,063	3/25/03	System And Method For Recovering Symbol Timing Offset And Carrier Frequency Error In An OFDM Digital Audio Broadcast System
IBIQUITY DIGITAL CORPORATION	6,549,544	04/15/03	Method & Apparatus for Transmission & Reception of FM In-Band On-Channel Digital Audio Broadcasting
IBIQUITY DIGITAL CORPORATION	6,556,639	04/29/03	Method & Apparatus for Determining Transmission Mode & Synchronization for A Digital Audio Broadcasting Signal
IBIQUITY DIGITAL CORPORATION	6,563,880	05/13/03	Method and System for Simultaneously Broadcasting and Receiving Digital and Analog Signals
IBIQUITY DIGITAL CORPORATION	6,570,943	05/27/03	Method for Equalization of Complementary Carriers in an AM Compatible Digital Audio Broadcast System
IBIQUITY DIGITAL CORPORATION	6,590,944	07/08/03	Audio Blend Method and Apparatus for AM and FM In Band On Channel Digital Audio Broadcasting
IBIQUITY DIGITAL CORPORATION	6,622,008	09/16/03	Method & Apparatus for Reduction of FM Interference for FM In-Band-On-Channel Digital Audio Broadcasting System
IBIQUITY DIGITAL CORPORATION	6,639,949	10/28/03	Method & Apparatus for Pulse Overlap Pre-Compensation in Digitally Modulated Signals
IBIQUITY DIGITAL CORPORATION	6,671,340	12/30/03	Method & Apparatus for Reduction of Interference in FM In-Band-On-Channel digital Audio Broadcasting Receivers

Assignee	Patent No.	Issue Date	Title
IBIQUITY DIGITAL CORPORATION	6,721,337	04/13/04	Method & Apparatus for Transmission & Reception of Compressed Audio Frames with Piroritized Messages for Digital Audio Broadcasting
IBIQUITY DIGITAL CORPORATION	6,735,257	05/11/04	Audio Blend Method and Apparatus for AM and FM In Band On Channel Digital Audio Broadcasting
IBIQUITY DIGITAL CORPORATION	6,798,849	9/28/04	AM Digital Audio Broadcasting with Analog Signal Pre-Compensation
IBIQUITY DIGITAL CORPORATION	6,845,230	1/18/05	System and Method for a Push-Pull Gateway-Directed Digital Receiver
IBIQUITY DIGITAL CORPORATION	6,891,898	5/10/05	System And Method For Recovering Symbol Timing Offset And Carrier Frequency Error In An OFDM Digital Audio Broadcast System
IBIQUITY DIGITAL CORPORATION	6,895,060	5/17/05	Adaptive Weighting Method For Orthogonal Frequency Division Multiplexed Soft Symbols Using Channel State Information Estimates
IBIQUITY DIGITAL CORPORATION	6,898,249	5/24/05	Method and Apparatus for AM Digital Audio Broadcasting with Amplitude Scaled Tertiary Subcarriers
IBIQUITY DIGITAL CORPORATION	6,901,242	5/31/05	A System And Method For Mitigating Intermittent Interruptions In An Audio Radio Broadcast System
IBIQUITY DIGITAL CORPORATION	6,970,685	11/29/05	Method & Apparatus for Dynamic Filter Selection in Radio Receivers
IBIQUITY DIGITAL CORPORATION	6,982,948	1/3/06	Method And Apparatus For Transmission And Reception Of FM In-Band On-Channel Digital Audio Broadcasting
IBIQUITY DIGITAL CORPORATION	7,043,681	5/9/06	Digital Audio Broadcasting Method And Apparatus Using Complementary Pattern-Mapped Convolutional Codes

#### U.S. PATENT APPLICATIONS

Assignee	Application Serial No.	Filed	Title
IBIQUITY DIGITAL CORPORATION	10/032,951	10/26/01	System and Method for Providing a Push of Background Data
IBIQUITY DIGITAL CORPORATION	10/007,338	10/26/01	System and Method for Providing a Push Gateway Between Consumer Devices and Remote

Assignee	Application Serial No.	Filed	Title
IBIQUITY DIGITAL CORPORATION	10/044,195	10/26/01	Arbitrator System and Method for National and Local Content Distribution
IBIQUITY DIGITAL CORPORATION	10/045,120	10/26/01	System and Method for Providing Electronic Bulk Buying
IBIQUITY DIGITAL CORPORATION	10/136,136	05/01/02	Adjacent Channel Interference Mitigation For FM Digital Audio Broadcasting Receivers
IBIQUITY DIGITAL CORPORATION	10/210,143	07/31/02	Method and Apparatus for Receiving a Digital Audio Broadcasting Signal
IBIQUITY DIGITAL CORPORATION	10/259,072	09/27/02	Intelligent Use of Encoder Unused Bandwidth in a Digital Audio Broadcast
IBIQUITY DIGITAL CORPORATION	10/259,073	09/27/02	Dual Mode Store and Play Digital Audio Broadcast (DAB) Receiver
IBIQUITY DIGITAL CORPORATION	10/261,453	10/01/02	VCR Manipulation of Broadcast Digital Content
IBIQUITY DIGITAL CORPORATION	10/261,454	10/01/02	Efficient Coding of High Frequency Signal Information in a Signal Using a Linear/Non-Linear Prediction Model Based on a Low Pass Baseband
IBIQUITY DIGITAL CORPORATION	10/373,484	02/24/03	Coherent AM Demodulator Using a Weighted LSB/USB Sum for Interference Mitigation
IBIQUITY DIGITAL CORPORATION	10/377,513	02/28/03	Method and Apparatus for Synchronized Transmission and Reception of Data in a Digital Audio Broadcasting System
IBIQUITY DIGITAL CORPORATION	10/465,443	06/19/03	Method and Apparatus for Formatting Signals for Digital Audio Broadcasting Transmission and Reception
IBIQUITY DIGITAL CORPORATION	10/672,441	09/26/03	Method & Apparatus for Interleaving Signal Bits in a Digital Audio Broadcasting System
IBIQUITY DIGITAL CORPORATION	10/715,582	11/18/03	Coherent Tracking For FM In-Band On-Channel Receivers
IBIQUITY DIGITAL CORPORATION	10/764,629	01/26/04	Forward Error Correction Coding for Hybrid AM In-Band On-Channel Digital Audio Broadcasting Systems
IBIQUITY DIGITAL CORPORATION	10/770,314	02/02/04	Peak-to-Average Power Reduction for FM OFDM Transmission
IBIQUITY DIGITAL CORPORATION	10/874,681	06/23/04	Coherent Track for FM IBOC Receiver Using Switch Diversity Antenna System
IBIQUITY DIGITAL CORPORATION	10/898,829	07/26/04	Method and Apparatus for Blending and Audio Signal in an In-Band On-Channel Radio System
IBIQUITY DIGITAL CORPORATION	10/937,619	09/09/04	Bandwidth Reduction of an FM Broadcast Signal Using a Baseband Precompensation Technique

<b>Assignee</b>	<b>Application Serial No.</b>	<b>Filed</b>	<b>Title</b>
IBIQUITY DIGITAL CORPORATION	11/081,267	3/16/05	Method for Synchronizing Exporter and Exciter Clocks
IBIQUITY DIGITAL CORPORATION	11/101,795	4/8/05	Method for Alignment of Analog and Digital Audio in a Hybrid Waveform
IBIQUITY DIGITAL CORPORATION	11/188,344	7/25/05	Adaptive Beamforming for AM Radio
IBIQUITY DIGITAL CORPORATION	11/272,978	11/14/05	Equalizer for AM In-Band On-Channel Radio Receivers
IBIQUITY DIGITAL CORPORATION	11/273,099	11/14/05	Symbol Tracking for AM In-Band On- Channel Radio Receivers
IBIQUITY DIGITAL CORPORATION	11/273,396	11/14/05	Carrier Tracking for AM In-Band On- Channel Radio Receivers

## **PATENT SECURITY AGREEMENT**

**THIS PATENT SECURITY AGREEMENT** is entered into as of December 1, 2006 by and between **MERRILL LYNCH CREDIT PRODUCTS, LLC**, as administrative agent and collateral agent for the Lenders (as defined in the Credit Agreement) (the "**Collateral Agent**"), and **IBIQUITY DIGITAL CORPORATION** (the "**Borrower**").

### **RECITALS**

**WHEREAS**, Borrower, Lenders and the Collateral Agent entered into a certain Credit Agreement of even date herewith (as amended, restated, supplemented or otherwise modified from time to time, the "**Credit Agreement**") pursuant to which each Lender has agreed to lend to Borrower up to Fifty Million Dollars (\$50,000,000) to be evidenced by Borrower's issuance to each Lender of certain senior secured promissory notes. As a condition of the loans, each Lender required that Borrower grant to the Collateral Agent, for the benefit of the Lenders a security interest in certain patents to secure the Obligations (as defined in the Credit Agreement).

**WHEREAS**, pursuant to the terms of the Security Agreement (as defined in the Credit Agreement), Borrower has granted to the Collateral Agent for the benefit of the Lenders, a security interest in all of Borrower's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral (as defined in the Security Agreement).

**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 the Obligations, Borrower hereby represents, warrants, covenants and agrees as follows:

### **AGREEMENT**

To secure the Obligations, Borrower grants and pledges to the Collateral Agent, as agent for the benefit of the Collateral Agent and each Lender, a security interest in all of Borrower's right, title and interest in, to and under its Patents (as defined in the Credit Agreement), including without limitation those Patents listed on Exhibit A hereto, and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof.

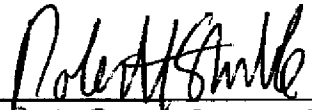
The security interest granted hereby is in conjunction with the security interest granted to the Collateral Agent under the Security Agreement. The rights and remedies of the Collateral Agent and the Lenders with respect to the security interest granted hereby are in addition to those set forth in the Security Agreement and the other Loan Documents (as defined in the Credit Agreement), and those which are now or hereafter available to the Collateral Agent and the Lenders as a matter of law or equity. Each right, power and remedy of the Collateral Agent and the Lenders provided for herein or in the Security Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein, and the exercise by the Collateral

Agent or the Lenders of any one or more of the rights, powers or remedies provided for in this Patent Security Agreement, the Security Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including the Collateral Agent and the Lenders, of any or all other rights, powers or remedies.

Borrower represents and warrants that Exhibit A attached hereto sets forth any and all Patents which Borrower has registered or filed an application for the United States Patent and Trademark Office.

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

IBIQUITY DIGITAL CORPORATION,  
as Borrower

By:   
Name: ROBERT STRUBLE  
Title: PRESIDENT & CEO


Patent Security Agreement

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

**BIQUITY DIGITAL CORPORATION,**  
as Borrower

By: \_\_\_\_\_  
Name:  
Title:

**MERRILL LYNCH CREDIT PRODUCTS, LLC,**  
as Collateral Agent

By:   
Name: **ELIZABETH BURNETT**  
Title: **VICE PRESIDENT**

Patent Security Agreement

**EXHIBIT A****PATENTS****REGISTERED U.S. PATENTS**

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IBIQUITY DIGITAL CORPORATION	5,606,576	02/25/97	Adaptive Mode Control System For AM Compatible Digital Broadcast
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IBIQUITY DIGITAL CORPORATION	5,757,854	05/26/98	In-Band On-Channel Digital Broadcasting
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IBIQUITY DIGITAL CORPORATION	5,809,065	09/15/98	Method and Apparatus For Improving The Quality Of AM Compatible Digital Broadcast System Signals In The Presence Of Distortion
IBIQUITY DIGITAL CORPORATION	5,828,705	10/27/98	Carrier Acquisition Technique And Apparatus Having Automatic Flywheel/Tracking/Reacquisition Control And Extended Signal To Noise Ratio
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IBIQUITY DIGITAL CORPORATION	5,949,813	09/07/99	Method And System For Simultaneously Broadcasting And Receiving Digital And Analog Signals
IBIQUITY DIGITAL CORPORATION	5,956,373	09/21/99	AM Compatible Digital Audio Broadcasting Signal Transmission Using Digitally Modulated Orthogonal Noise-Like Sequences

Assignee	Patent No.	Issue Date	Title
IBIQUITY DIGITAL CORPORATION	5,956,624	09/21/99	Method And System For Simultaneously Broadcasting And Receiving Digital And Analog Signals
IBIQUITY DIGITAL CORPORATION	6,014,407	01/11/00	Method And System For Simultaneously Broadcasting And Receiving Digital And Analog Signals
IBIQUITY DIGITAL CORPORATION	6,108,810	08/22/00	Digital Audio Broadcasting Method Using Puncturable Convolutional Code
IBIQUITY DIGITAL CORPORATION	6,128,334	10/03/00	Receiver Addressable AM Compatible Digital Broadcast System
IBIQUITY DIGITAL CORPORATION	6,128,350	10/3/00	Method And Apparatus For Reducing Peak To Average Power Ratio In Digital audio Broadcasting Systems
IBIQUITY DIGITAL CORPORATION	6,148,007	11/14/00	Method For Data Transmission In A Digital Audio Broadcasting System
IBIQUITY DIGITAL CORPORATION	6,178,317	01/23/01	System and Method for Mitigating Intermittent Interruptions in an Audio Radio Broadcast System
IBIQUITY DIGITAL CORPORATION	6,243,424	06/05/01	Method And Apparatus For AM Digital Broadcasting
IBIQUITY DIGITAL CORPORATION	6,259,893	07/10/01	Method And Apparatus For Reduction Of FM Interference For FM In-Band On-Channel Digital Audio Broadcasting System
IBIQUITY DIGITAL CORPORATION	6,292,511	09/18/01	Method For Equalization Of Complementary Carriers In An AM Compatible Digital Audio Broadcasting System
IBIQUITY DIGITAL CORPORATION	6,295,317	09/25/01	Method And Apparatus For Demodulating And Equalizing An AM Compatible Digital Audio Broadcast Signal
IBIQUITY DIGITAL CORPORATION	6,317,470	11/13/01	Adaptive Weighting For OFDM Soft Symbols Using Channel State Information Estimates
IBIQUITY DIGITAL CORPORATION	6,345,377	02/05/02	Digital Audio Broadcasting Method Using Puncturable Convolutional Code
IBIQUITY DIGITAL CORPORATION	6,400,758	06/04/02	Method And Apparatus For Training Sequence Identification In An AM Compatible Digital Audio Broadcasting System
IBIQUITY DIGITAL CORPORATION	6,430,227	08/06/02	FM In-Band On-Channel Audio Broadcasting Method and System
IBIQUITY DIGITAL CORPORATION	6,452,977	09/17/02	Method and Apparatus for AM Compatible Digital Broadcasting

Assignee	Patent No.	Issue Date	Title
IBIQUITY DIGITAL CORPORATION	6,480,536	12/12/02	Method And Apparatus For Demodulating And Equalizing An AM Compatible Digital Audio Broadcast Signal
IBIQUITY DIGITAL CORPORATION	6,487,256	12/26/02	Method and Apparatus for AM Digital Broadcasting
IBIQUITY DIGITAL CORPORATION	6,510,175	1/21/03	In-Band On-Channel Digital Broadcasting
IBIQUITY DIGITAL CORPORATION	6,523,147	2/18/03	Method and Apparatus for Forward Error Correction Coding for an AM In-Band On-Channel Digital Audio Broadcasting System
IBIQUITY DIGITAL CORPORATION	6,532,258	3/11/03	Method for Estimating Signal-To-Noise Ratio of Digital Carriers in an AM Compatible Digital Audio Broadcasting System
IBIQUITY DIGITAL CORPORATION	6,539,063	3/25/03	System And Method For Recovering Symbol Timing Offset And Carrier Frequency Error In An OFDM Digital Audio Broadcast System
IBIQUITY DIGITAL CORPORATION	6,549,544	04/15/03	Method & Apparatus for Transmission & Reception of FM In-Band On-Channel Digital Audio Broadcasting
IBIQUITY DIGITAL CORPORATION	6,556,639	04/29/03	Method & Apparatus for Determining Transmission Mode & Synchronization for A Digital Audio Broadcasting Signal
IBIQUITY DIGITAL CORPORATION	6,563,880	05/13/03	Method and System for Simultaneously Broadcasting and Receiving Digital and Analog Signals
IBIQUITY DIGITAL CORPORATION	6,570,943	05/27/03	Method for Equalization of Complementary Carriers in an AM Compatible Digital Audio Broadcast System
IBIQUITY DIGITAL CORPORATION	6,590,944	07/08/03	Audio Blend Method and Apparatus for AM and FM In Band On Channel Digital Audio Broadcasting
IBIQUITY DIGITAL CORPORATION	6,622,008	09/16/03	Method & Apparatus for Reduction of FM Interference for FM In-Band-On-Channel Digital Audio Broadcasting System
IBIQUITY DIGITAL CORPORATION	6,639,949	10/28/03	Method & Apparatus for Pulse Overlap Pre-Compensation in Digitally Modulated Signals
IBIQUITY DIGITAL CORPORATION	6,671,340	12/30/03	Method & Apparatus for Reduction of Interference in FM In-Band-On-Channel digital Audio Broadcasting Receivers

<b>Assignee</b>	<b>Patent No.</b>	<b>Issue Date</b>	<b>Title</b>
IBIQUITY DIGITAL CORPORATION	6,721,337	04/13/04	Method & Apparatus for Transmission & Reception of Compressed Audio Frames with Piroritized Messages for Digital Audio Broadcasting
IBIQUITY DIGITAL CORPORATION	6,735,257	05/11/04	Audio Blend Method and Apparatus for AM and FM In Band On Channel Digital Audio Broadcasting
IBIQUITY DIGITAL CORPORATION	6,798,849	9/28/04	AM Digital Audio Broadcasting with Analog Signal Pre-Compensation
IBIQUITY DIGITAL CORPORATION	6,845,230	1/18/05	System and Method for a Push-Pull Gateway-Directed Digital Receiver
IBIQUITY DIGITAL CORPORATION	6,891,898	5/10/05	System And Method For Recovering Symbol Timing Offset And Carrier Frequency Error In An OFDM Digital Audio Broadcast System
IBIQUITY DIGITAL CORPORATION	6,895,060	5/17/05	Adaptive Weighting Method For Orthogonal Frequency Division Multiplexed Soft Symbols Using Channel State Information Estimates
IBIQUITY DIGITAL CORPORATION	6,898,249	5/24/05	Method and Apparatus for AM Digital Audio Broadcasting with Amplitude Scaled Tertiary Subcarriers
IBIQUITY DIGITAL CORPORATION	6,901,242	5/31/05	A System And Method For Mitigating Intermittent Interruptions In An Audio Radio Broadcast System
IBIQUITY DIGITAL CORPORATION	6,970,685	11/29/05	Method & Apparatus for Dynamic Filter Selection in Radio Receivers
IBIQUITY DIGITAL CORPORATION	6,982,948	1/3/06	Method And Apparatus For Transmission And Reception Of FM In-Band On-Channel Digital Audio Broadcasting
IBIQUITY DIGITAL CORPORATION	7,043,681	5/9/06	Digital Audio Broadcasting Method And Apparatus Using Complementary Pattern-Mapped Convolutional Codes

#### **U.S. PATENT APPLICATIONS**

<b>Assignee</b>	<b>Application Serial No.</b>	<b>Filed</b>	<b>Title</b>
IBIQUITY DIGITAL CORPORATION	10/032,951	10/26/01	System and Method for Providing a Push of Background Data
IBIQUITY DIGITAL CORPORATION	10/007,338	10/26/01	System and Method for Providing a Push Gateway Between Consumer Devices and Remote

Assignee	Application Serial No.	Filed	Title
IBIQUITY DIGITAL CORPORATION	10/044,195	10/26/01	Arbitrator System and Method for National and Local Content Distribution
IBIQUITY DIGITAL CORPORATION	10/045,120	10/26/01	System and Method for Providing Electronic Bulk Buying
IBIQUITY DIGITAL CORPORATION	10/136,136	05/01/02	Adjacent Channel Interference Mitigation For FM Digital Audio Broadcasting Receivers
IBIQUITY DIGITAL CORPORATION	10/210,143	07/31/02	Method and Apparatus for Receiving a Digital Audio Broadcasting Signal
IBIQUITY DIGITAL CORPORATION	10/259,072	09/27/02	Intelligent Use of Encoder Unused Bandwidth in a Digital Audio Broadcast
IBIQUITY DIGITAL CORPORATION	10/259,073	09/27/02	Dual Mode Store and Play Digital Audio Broadcast (DAB) Receiver
IBIQUITY DIGITAL CORPORATION	10/261,453	10/01/02	VCR Manipulation of Broadcast Digital Content
IBIQUITY DIGITAL CORPORATION	10/261,454	10/01/02	Efficient Coding of High Frequency Signal Information in a Signal Using a Linear/Non-Linear Prediction Model Based on a Low Pass Baseband
IBIQUITY DIGITAL CORPORATION	10/373,484	02/24/03	Coherent AM Demodulator Using a Weighted LSB/USB Sum for Interference Mitigation
IBIQUITY DIGITAL CORPORATION	10/377,513	02/28/03	Method and Apparatus for Synchronized Transmission and Reception of Data in a Digital Audio Broadcasting System
IBIQUITY DIGITAL CORPORATION	10/465,443	06/19/03	Method and Apparatus for Formatting Signals for Digital Audio Broadcasting Transmission and Reception
IBIQUITY DIGITAL CORPORATION	10/672,441	09/26/03	Method & Apparatus for Interleaving Signal Bits in a Digital Audio Broadcasting System
IBIQUITY DIGITAL CORPORATION	10/715,582	11/18/03	Coherent Tracking For FM In-Band On-Channel Receivers
IBIQUITY DIGITAL CORPORATION	10/764,629	01/26/04	Forward Error Correction Coding for Hybrid AM In-Band On-Channel Digital Audio Broadcasting Systems
IBIQUITY DIGITAL CORPORATION	10/770,314	02/02/04	Peak-to-Average Power Reduction for FM OFDM Transmission
IBIQUITY DIGITAL CORPORATION	10/874,681	06/23/04	Coherent Track for FM IBOC Receiver Using Switch Diversity Antenna System
IBIQUITY DIGITAL CORPORATION	10/898,829	07/26/04	Method and Apparatus for Blending and Audio Signal in an In-Band On-Channel Radio System
IBIQUITY DIGITAL CORPORATION	10/937,619	09/09/04	Bandwidth Reduction of an FM Broadcast Signal Using a Baseband Precompensation Technique

<b>Assignee</b>	<b>Application Serial No.</b>	<b>Filed</b>	<b>Title</b>
IBIQUITY DIGITAL CORPORATION	11/081,267	3/16/05	Method for Synchronizing Exporter and Exciter Clocks
IBIQUITY DIGITAL CORPORATION	11/101,795	4/8/05	Method for Alignment of Analog and Digital Audio in a Hybrid Waveform
IBIQUITY DIGITAL CORPORATION	11/188,344	7/25/05	Adaptive Beamforming for AM Radio
IBIQUITY DIGITAL CORPORATION	11/272,978	11/14/05	Equalizer for AM In-Band On-Channel Radio Receivers
IBIQUITY DIGITAL CORPORATION	11/273,099	11/14/05	Symbol Tracking for AM In-Band On- Channel Radio Receivers
IBIQUITY DIGITAL CORPORATION	11/273,396	11/14/05	Carrier Tracking for AM In-Band On- Channel Radio Receivers