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(Rev. 10/02)

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RECORDATION FORM COVER SHEET

PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Tab settings ⇨ ⇨ ⇨

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

iBiquity Digital Corporation
8865 Stanford Blvd., Suite 202
Columbia, MD 21045Additional name(s) of conveying party(les) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☐ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☒ Other Intellectual Property Security Agmt

Execution Date: February 8, 2005

2. Name and address of receiving party(ies)

Columbia Partners, L.L.C. Investment Management,
Name: as agent and investment manager

Internal Address: _____

Street Address: 1775 Pennsylvania Avenue NWSuite 1000City: Washington State DC Zip 20006Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09747143 10032951 10033420 10007338

10044195 10045120 10136136 10138898

10210143 10259072 10259073 10261453

10261454 10321058 10366886 10373484

10377513 10465443 10672441 10764629

10770314 10874681 10898829 10937619

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Diana Sanchez BentzInternal Address: Cooley Godward LLP5 Palo Alto SquareStreet Address: 3000 El Camino RealCity: Palo Alto State: CA Zip: 943066. Total number of applications and patents involved: 247. Total fee (37 CFR 3.41)\$ \$960☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

03-3115

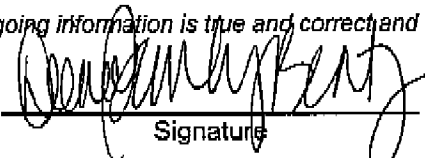
(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Diana Sanchez Bentz

Name of Person Signing


SignatureFebruary 23, 2005

Date

Total number of pages including cover sheet, attachments, and documents: 18

507636/305149-101/cfile

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

PATENT

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT is entered into as of February 8, 2005 by and between COLUMBIA PARTNERS, L.L.C. INVESTMENT MANAGEMENT, as investment manager and agent for Lender (as defined in the Credit Agreement) ("Investment Manager"), and IBIQUITY DIGITAL CORPORATION (the "Borrower").

RECITALS

WHEREAS, Borrower, Lender and Investment Manager 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 Lender has agreed to lend to Borrower up to Thirty Million Dollars (\$30,000,000) to be evidenced by Borrower's issuance to Lender of certain senior secured promissory notes. As a condition of the loans, Lender required that Borrower grant to Investment Manager, for the benefit of Lender a security interest in certain copyrights, trademarks and 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 Investment Manager 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 Investment Manager, as agent for the benefit of Investment Manager and Lender, a security interest in all of Borrower's right, title and interest in, to and under its Intellectual Property (as defined in the Credit Agreement), including without limitation those copyrights, patents and trademarks listed on Exhibits A, B and C 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 Investment Manager under the Security Agreement. The rights and remedies of Investment Manager and Lender 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 Investment Manager and Lender as a matter of law or equity. Each right, power and remedy of Investment Manager and Lender 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 Investment Manager or

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Lender of any one or more of the rights, powers or remedies provided for in this Intellectual Property 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 Investment Manager and Lender, of any or all other rights, powers or remedies.

Borrower represents and warrants that Exhibits A, B, and C attached hereto set forth any and all Intellectual Property rights in connection with which Borrower has registered or filed an application with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable.

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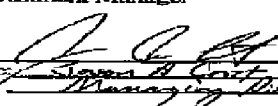
FEB-03-2005 09:47 From:CPL1

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

IBIQUITY DIGITAL CORPORATION,
as Borrower

By: _____
Name: Jeffrey P. Jury
Title: Chief Operating Officer

COLUMBIA PARTNERS, L.L.C.
INVESTMENT MANAGEMENT,
as Investment Manager

By: 
Name: Steven A. Galt
Title: Managing Director

SIGNATURE PAGE TO INTELLECTUAL PROPERTY SECURITY AGREEMENT

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PATENT
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EXHIBIT A
COPYRIGHTS

<u>Description</u>	<u>Registration Number</u>	<u>Registration Date</u>
NONE		

EXHIBIT B

PATENTS

Title	Registration Number	Registration Date
Method and Apparatus For Digital Audio Broadcasting and Reception System And Method For Recovering Symbol Timing Offset And Carrier Frequency Error In An OFDM Digital Audio Broadcast System	5278826	01/11/94
Method And Apparatus For Reducing Peak To Average Power Ratio In Digital Audio Broadcasting Systems	6539063	3/25/03
Method and Apparatus For Digital Audio Broadcasting and Reception	6128350	10/3/00
Method and Apparatus For Digital Audio Broadcasting and Reception	5278844	01/11/94
Method and Apparatus For Digital Audio Broadcasting and Reception	5315583	05/24/94
In-Band On-Channel Digital Broadcasting	5465396	11/07/95
Numerically Controlled Oscillator With Complex Exponential Outputs Using Recursion Technique	5517535	05/14/96
Digital Quadrature-Shift Keying Modulator	5523726	06/04/96
Equalization System for AM Compatible Digital Receiver	5559830	09/24/96
Automatic Noise Normalization And Reacquisition Control For A QPSK Demodulator Tracking Loop	5566214	10/15/96
Carrier Tracking Loop For QPSK Demodulator	5579345	11/26/96
Method and Apparatus For AM Compatible Digital Broadcasting	5588022	12/24/96
Carrier Acquisition Technique for Mobile Radio QPSK Demodulator	5598441	01/28/97
Adaptive Mode Control System For AM Compatible Digital Broadcast	5606576	02/25/97
AM Compatible Digital Waveform Demodulation Using a Dual FFT	5633896	05/27/97
Mobile Telephone Single Channel Per Carrier Superframe Lock Subsystem	5646947	07/08/97
AM-PSK System For Broadcasting A Composite Analog and Digital Signal Using Adaptive M-ary PSK Modulation	5673292	09/30/97
Method and Apparatus For Improving The Quality Of AM Compatible Digital Broadcast System Signals In The Presence Of Distortion	5703954	12/30/97
Method And Apparatus For Simultaneously Broadcasting And Receiving Digital And Analog Signals	5745525	04/28/98
In-Band On-Channel Digital Broadcasting	5757854	05/26/98
AM Compatible Digital Waveform Frame Timing Recovery and Frame Synchronous Power Measurement	5764706	06/09/98
Symbol Synchronizer Using Modified Early/Punctual Late Gate Technique	5768323	06/16/98
Method and Apparatus For Improving The Quality Of AM Compatible Digital Broadcast System Signals In The Presence Of Distortion	5809065	09/15/98

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Registration Number	Title	Registration Date
5828705	Carrier Acquisition Technique And Apparatus Having Automatic Flywheel/Tracking/Reacquisition Control And Extended Signal To Noise Ratio	10/27/98
5850415	In-Band On-Channel Digital Broadcasting	12/15/98
5859876	Method And Apparatus For Improving AM Compatible Digital Broadcast Analog Fidelity	01/12/99
5878089	Coherent Signal Detector For AM-Compatible Digital Audio Broadcast Waveform Recovery	03/02/99
5898732	Data Service Channel For An AM Compatible Broadcast System	04/27/99
5903598	Method And System For Simultaneously Broadcasting And Receiving Digital And Analog Signals	05/11/99
5930687	Apparatus And Method For Generating An AM Compatible Digital Broadcast Waveform	07/27/99
5949813	Method And System For Simultaneously Broadcasting And Receiving Digital And Analog Signals	09/07/99
5956373	AM Compatible Digital Audio Broadcasting Signal Transmission Using Digitally Modulated Orthogonal Noise-Like Sequences	09/21/99
5956624	Method And System For Simultaneously Broadensting And Receiving Digital And Analog Signals	09/21/99
6014407	Method And System For Simultaneously Broadcasting And Receiving Digital And Analog Signals	01/11/00
6108810	Digital Audio Broadcasting Method Using Puncturable Convolutional Code	08/22/00
6128334	Receiver Addressable AM Compatible Digital Broadcast System	10/03/00
6148007	Method For Data Transmission In A Digital Audio Broadcasting System	11/14/00
6178317	System and Method for Mitigating Intermittent Interruptions in an Audio Radio Broadcast System	01/23/01
6243424	Method And Apparatus For AM Digital Broadcasting	06/05/01
6259893	Method And Apparatus For Reduction Of FM Interference For FM In-Band On-Channel Digital Audio Broadcasting System	07/10/01
6292511	Method For Equalization Of Complementary Carriers In An AM Compatible Digital Audio Broadcasting System	09/18/01
6295317	Method And Apparatus For Demodulating And Equalizing An AM Compatible Digital Audio Broadcast Signal	09/25/01
6317470	Adaptive Weighting For OFDM Soft Symbols Using Channel State Information Estimates	11/13/01
6345377	Digital Audio Broadcasting Method Using Puncturable Convolutional Code	02/05/02
6400758	Method And Apparatus For Training Sequence Identification In An AM Compatible Digital Audio Broadcasting System	06/04/02
6430227	FM In-Band On-Channel Audio Broadcasting Method and System	08/06/02
6452977	Method and Apparatus for AM Compatible Digital Broadcasting	09/17/02
6480536	Method And Apparatus For Demodulating And Equalizing An AM Compatible Digital Audio Broadcast Signal	12/12/02

Registration Number	Title	Registration Date
6487256	Method and Apparatus for AM Digital Broadcasting	12/26/02
6510175	In-Band On-Channel Digital Broadcasting	01/21/03
6523147	Method and Apparatus for Forward Error Correction Coding for an AM In-Band On-Channel Digital Audio Broadcasting System	02/18/03
6532258	Method for Estimating Signal-To-Noise Ratio of Digital Carriers in an AM Compatible Digital Audio Broadcasting System	03/11/03
6549544	Method & Apparatus for Transmission & Reception of FM In-Band On-Channel Digital Audio Broadcasting	04/15/03
6556639	Method & Apparatus for Determining Transmission Mode & Synchronization for A Digital Audio Broadcasting Signal	04/29/03
6563880	Method and System for Simultaneously Broadcasting and Receiving Digital and Analog Signals	05/13/03
6570943	Method for Equalization of Complementary Carriers in an AM Compatible Digital Audio Broadcast System	05/27/03
6590944	Audio Blend Method and Apparatus for AM and FM In Band On Channel Digital Audio Broadcasting	07/08/03
6622008	Method & Apparatus for Reduction of FM Interference for FM In-Band-On-Channel Digital Audio Broadcasting System	09/16/03
6639949	Method & Apparatus for Pulse Overlap Pre-Compensation in Digitally Modulated Signals	10/28/03
6671340	Method & Apparatus for Reduction of Interference in FM In-Band-On-Channel digital Audio Broadcasting Receivers	12/30/03
6721337	Method & Apparatus for Transmission & Reception of Compressed Audio Frames with Prioritized Messages for Digital Audio Broadcasting	04/13/04
6735257	Audio Blend Method and Apparatus for AM and FM In Band On Channel Digital Audio Broadcasting	05/11/04
6798849	AM Digital Audio Broadcasting with Analog Signal Pre-Compensation	9/28/04

PATENT APPLICATIONS

Title	Application/ Publication Number	Application Date/ Date of Publication
A System And Method For Mitigating Intermittent Interruptions In An Audio Radio Broadcast System	09/747143 20010003089	12/22/00 06/07/01
System and Method for Providing a Push of Background Data	10/032951 20030093476	10/26/01 05/15/03
System and Method for a Push-Pull Gateway-Directed Digital Receiver	10033420 20030092376	10/26/01 05/15/03
System and Method for Providing a Push Gateway Between Consumer Devices and Remote	100007338 20030084108	10/26/01 05/01/03
Arbitrator System and Method for National and Local Content Distribution	10/044195 20030093530	10/26/01 05/15/03
System and Method for Providing Electronic Bulk Buying	10/045120 20030083977	10/26/01 05/01/03
Adjacent Channel Interference Mitigation For FM Digital Audio Broadcasting Receivers	10/136136 20030207669	05/01/02 11/06/03
Digital Audio Broadcasting Method And Apparatus Using Complementary Pattern-Mapped Convolutional Codes	10/138898 20030212946	05/03/02 11/13/03
Method and Apparatus for Receiving a Digital Audio Broadcasting Signal	10/210143 20040022229	07/31/02 02/05/04
Method and Apparatus for Synchronized Transmission and Reception of Data in Digital Audio Broadcasting System	10/377513 20040066736	09/27/02 04/08/04
Intelligent Use of Encoder Unused Bandwidth in a Digital Audio Broadcast	10/259072 20040064325	09/27/02 04/01/04
Dual Mode Store and Play Digital Audio Broadcast (DAB) Receiver	10/259,073 20040064208	09/27/02 04/01/04
VCR Manipulation of Broadcast Digital Content	10/261,453 20040062526	10/01/02 04/01/04

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Title	Application/ Publication Number	Application Date/ Date of Publication
Efficient Coding of High Frequency Signal Information in a Signal Using a Linear/Non-Linear Prediction Model Based on a Low Pass Baseband	10/261454 20040064311	10/01/02 04/01/04
Method and Apparatus for Digital Audio Broadcasting Transmission and Reception	see 10/465443	10/17/02
Method and Apparatus for AM Digital Audio Broadcasting with Amplitude Scaled Tertiary Subcarriers	10/321058 20040114694	12/17/02 06/17/04
Method & Apparatus for Dynamic Filter Selection in Radio Receivers	10/366886 20040162048	02/14/03 08/19/04
Coherent AM Demodulator Using a Weighted LSB/USB Sum for Interference Mitigation	10/373484 20040165680	02/24/03 08/26/04
Method and Apparatus for Synchronized Transmission and Reception of Data in a Digital Audio Broadcasting System	10/377513 20040066736	02/28/03 04/08/04
Method and Apparatus for Formatting Signals for Digital Audio Broadcasting Transmission and Reception	10/465443 20040076188	06/19/03 04/22/04
Method & Apparatus for Interleaving Signal Bits in a Digital Audio Broadcasting System	10/672441 20040063399	09/26/03 04/01/04
Coherent Tracking For FM In-Band On-Channel Receivers	10/874681	11/18/03
Forward Error Correction Coding for Hybrid AM In-Band On-Channel Digital Audio Broadcasting Systems	10/764629	01/26/04
Peak-to-Average Power Reduction for FM OFDM Transmission	10/770314	02/02/04
Coherent Track for FM IBOC Receiver Using Switch Diversity Antenna System	10/874681	06/23/04
Method and Apparatus for Blending and Audio Signal in an In-Band On-Channel Radio System	10/898829	07/26/04
Bandwidth Reduction of an FM Broadcast Signal Using a Baseband Precompensation Technique	10/937619	09/09/04
Coherent Tracking for FM IBOC Receiver Using a Switch Diversity Antenna System	No serial number	11/12/04

EXHIBIT C
U.S. TRADEMARKS

Mark	Registration Date	Registration Number
HD Radio	08/10/04	2,872,292
HD Radio Pure Digital. Clear Radio.	07/27/04	2,867,408
HD	07/27/04	2,867,407
HD Radio	07/06/04	2,865,524
HD	07/06/04	2,860,944
HD Radio Pure Digital. Clear Radio.	05/11/04	2,841,147
HD Radio Ready and design	04/13/04	2,832,781
i-Biquity Digital	06/17/03	2,727,566
IBIQUITY	06/17/03	2,726,894
i-Biquity Digital (Design)	12/31/02	2,669,755

U.S. TRADEMARK APPLICATIONS

Title	Application Date	Application Number
HD NOW & Design:		76/491923
HD NOW & Design		76/491922