

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BLACK HILLS MEDIA, LLC	03/31/2020

RECEIVING PARTY DATA

Name:	DEDICATED LICENSING LLC
Street Address:	15922 ELDORADO PARKWAY, STE 500-1716
City:	FRISCO
State/Country:	TEXAS
Postal Code:	75036

PROPERTY NUMBERS Total: 51

Property Type	Number
Patent Number:	10067739
Patent Number:	9992267
Patent Number:	9826046
Patent Number:	9584591
Patent Number:	9554405
Patent Number:	9552188
Patent Number:	9549001
Patent Number:	9516370
Patent Number:	9397627
Patent Number:	9369101
Patent Number:	9312827
Patent Number:	9268775
Patent Number:	9178946
Patent Number:	8918480
Patent Number:	8792850
Patent Number:	8755763
Patent Number:	8667161
Patent Number:	8458356
Patent Number:	8230099
Patent Number:	8214873

PATENT

Property Type	Number
Patent Number:	8050652
Patent Number:	8045952
Patent Number:	8028323
Patent Number:	8028038
Patent Number:	8023663
Patent Number:	7917082
Patent Number:	7916877
Patent Number:	7865137
Patent Number:	7840691
Patent Number:	7835689
Patent Number:	7742740
Patent Number:	7657224
Patent Number:	7599685
Patent Number:	7236739
Patent Number:	7058694
Patent Number:	6985694
Patent Number:	6757517
Patent Number:	6609096
Patent Number:	6600898
Patent Number:	6349339
Patent Number:	6108686
Application Number:	15050600
Application Number:	13893599
Application Number:	13612120
Application Number:	13539923
Application Number:	13208394
Application Number:	12114273
Application Number:	11566604
Application Number:	11566574
Application Number:	09933568
Application Number:	09805470

CORRESPONDENCE DATA

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Correspondent Name: DEDICATED LICENSING LLC

Address Line 1: 15922 ELDORADO PARKWAY, STE 500-1716

Address Line 4: FRISCO, TEXAS 75036

PATENT

NAME OF SUBMITTER:	JULIE WANG
SIGNATURE:	/Julie Wang/
DATE SIGNED:	05/28/2020
Total Attachments: 5 source=Assignment - EXECUTED#page1.tif source=Assignment - EXECUTED#page2.tif source=Assignment - EXECUTED#page3.tif source=Assignment - EXECUTED#page4.tif source=Assignment - EXECUTED#page5.tif	

PATENT ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, BLACK HILLS MEDIA, L.L.C., a Delaware corporation located at 20 Depot Street, Suite 2A, Peterborough, NH 03458 ("*Assignor*"), does hereby assign, transfer, and convey unto DEDICATED LICENSING LLC, a Texas limited liability company, having an address at 15922 Eldorado Parkway, Suite 500-1716, Frisco, TX 75036 ("*Assignee*"), or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "*Patent Rights*");

(a) the patent applications and patents listed in Table 1 below (the "*Patents*" or "*Patent*" or "*Patents and Related Patents*");

(b) any parents, patents that share the same specification as (a);

(c) any additional patents or applications to which (a) or (b) claims priority, as well as any additional patents and patent applications claiming priority to (a) or (b), including but not limited to patents or patent applications issued, granted, or pending via any divisionals, continuations, continuations-in-part, reissues and reexaminations of (a) and (b);

(d) any patents or patent applications that are terminally disclaimed to any of the foregoing in (a) through (c) or to which any of the foregoing in (a) through (c) are terminally disclaimed;

(e) any foreign counterparts of (a) through (d), wherein all assets included in (a) through (e) shall be herein referred to as "Patents and Related Patents";

(f) all right, title and interest to the Patents and Related Patents;

(g) all of the rights, privileges including the benefits of any attorney client privilege or attorney work product privilege, title and interest in and to the Patents and Related Patents sold, transferred, assigned and set over to Assignee hereunder including all income, royalties, damages and payments now or hereafter due or payable with respect thereto; and

(h) the right to bring any claim, sue, counterclaim, and recover for the past, present and future infringement of the rights assigned hereunder.

TABLE 1: PATENT LIST

Patent No.	App. No.	App. Date	Pub. Date	Title
US10067739B2	US15073881A	18/03/2016	04/09/2018	Unitary electronic speaker device for receiving digital audio data and rendering the digital audio data
US9992267B2	US13443926A	27/02/2017	05/06/2018	Method and device for sharing a playlist at a dedicated media player device
US9826046B2	US2004840108A	05/05/2004	21/11/2017	Device discovery for digital entertainment network
US9584591B1	US14208296A	13/03/2014	28/02/2017	Method and device for sharing a playlist at a dedicated media player device
US9554405B2	US14835818A	26/06/2015	24/01/2017	Wireless speaker for receiving from a mobile phone directions to receive and render a playlist from a content server on the internet
US9552188B1	US14256226A	18/04/2014	24/01/2017	Method and device for displaying supplemental information while rendering
US9549601B1	US14256222A	18/04/2014	17/01/2017	Method and device for sourcing and constructing a playlist
US9516370B1	US14311690A	23/06/2014	06/12/2016	Method, device, and system for directing a wireless speaker from a mobile phone to receive and render a playlist from a content server on the internet
US9397627B2	US2006563230A	27/11/2006	16/07/2016	Network-enabled audio device
US9369101B2	US14750450A	25/06/2015	14/06/2016	Unitary electronic speaker device for receiving an assignment of a playlist from a home personal computer and rendering the playlist
US9312827B2	US14546585A	18/11/2014	12/04/2016	Network enabled audio device and radio site
US9268775B1	US13881330A	10/05/2013	23/02/2016	Method and system for providing an audio element cache in a customized personal radio broadcast
US9178946B2	US200819015A	24/01/2008	03/11/2015	Device discovery for digital entertainment network
US8918480B2	US2007897833A	09/04/2007	23/12/2014	Method, system, and device for the distribution of internet radio content
US8792850B2	US13278804A	21/10/2011	29/07/2014	Method and device for obtaining playlist content over a network
US8755763B2	US13282758A	27/10/2011	17/06/2014	Method and device for an internet radio capable of obtaining playlist content from a content server
US8667161B2	US2008211777A	16/09/2008	04/03/2014	Personal broadcast server system for providing a customized broadcast
US8458956B2	US13535557A	23/07/2012	04/06/2013	System and method for sharing playlists
US8230999B2	US2008114286A	02/06/2008	24/07/2012	System and method for sharing playlists
US8214873B2	US13207113A	10/08/2011	03/07/2012	Method, system, and computer-readable medium for employing a first device to direct a networked audio device to render a playlist
US8050852B2	US2006563232A	27/11/2006	01/11/2011	Method and device for an internet radio capable of obtaining playlist content from a content server
US8045852B2	US2006563227A	27/11/2006	25/10/2011	Method and device for obtaining playlist content over a network
US8028323B2	US2004840109A	05/05/2004	27/09/2011	Method and system for employing a first device to direct a networked audio device to obtain a media item
US8028038B2	US2004840110A	05/05/2004	27/09/2011	Method and device for obtaining a playlist based on user profile matching Obtaining a playlist based on user profile matching
US8023663B2	US2006566588A	04/12/2006	20/08/2011	Music headphones for manual control of ambient sound
US7917082B2	US2006566563A	04/12/2006	29/03/2011	Method and apparatus for creating and managing clusters of mobile audio
US7916877B2	US2006566589A	04/12/2006	29/03/2011	Modular interunit transmitter-receiver for a portable audio device
US7865137B2	US2006566546A	04/12/2006	04/01/2011	Music distribution system for mobile audio player devices
US7840691B1	US200656765A	07/09/2006	23/11/2010	Personal broadcast server system for providing a customized broadcast
US7835689B2	US2006566552A	04/12/2006	16/11/2010	Distribution of music between members of a cluster of mobile audio devices and a wide area network
US7742740B2	US2006566537A	04/12/2006	22/06/2010	Audio player device for synchronous playback of audio signals with a
US7657224B2	US2003513702A	08/11/2004	02/02/2010	Localized audio networks and associated digital accessories
US7596858B2	US2006566580A	04/12/2006	06/10/2009	Apparatus for playing of synchronized video between wireless devices
US7236739B2	US2004882806A	29/06/2004	16/06/2007	Apparatus and method for coordinated music playback in wireless ad-hoc
US7058694B1	US200656850A	07/09/2006	06/06/2006	Method for comparing two binary logic representations in the process of customizing radio broadcasting

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Exhibit A

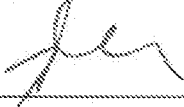
US6985694B1	US200656884A	07/09/2000	10/01/2006	Method and system for providing an audio element cache in a customized
US6757517B2	US2001858728A	10/05/2001	29/06/2004	Apparatus and method for coordinated music playback in wireless ad-hoc
US6608086B1	US2000657256A	07/09/2000	19/08/2003	System and method for overlapping audio elements in a customized
US6600898B1	US2000658857A	07/09/2000	29/07/2003	Method and apparatus for generating a number audio element in an audio
US6349338B1	US1995444123A	19/11/1999	19/02/2002	System and method for utilizing data packets
US6106686A	US199834773A	02/03/1998	22/08/2000	Agent-based on-line information retrieval and viewing system
US20170237802A1	US15443926A	27/02/2017	17/08/2017	Method And Device For Sharing A Playlist At A Dedicated Media Player
				Unitary Electronic Speaker Device For Receiving Digital Audio Data And
US20160196101A1	US15073881A	18/03/2016	07/07/2016	Rendering The Digital Audio Data
US20160179544A1	US15050600A	23/02/2016	16/06/2016	Method And System For Providing An Audio Element Cache In A Customized
				Wireless Speaker For Receiving From A Mobile Phone Directions To Receive
US20150365987A1	US14895818A	26/08/2015	17/12/2015	And Render A Playlist From A Content Server On The Internet
				Unitary Electronic Speaker Device For Receiving An Assignment Of A Playlist
US20150285553A1	US14750450A	25/06/2015	15/10/2015	From A Home Personal Computer And Rendering The Playlist
US20150072812A1	US14546585A	18/11/2014	12/03/2015	Network-Enabled Audio Device And Radio Site
US20130254337A1	US13893599A	14/05/2013	26/09/2013	System And Method For Sharing Playlists
US2013007229A1	US13612120A	12/09/2012	03/01/2013	PLAYLIST SERVER
US20120284423A1	US13555557A	23/07/2012	08/11/2012	SYSTEM AND METHOD FOR SHARING PLAYLISTS
				METHOD, SYSTEM, AND COMPUTER-READABLE MEDIUM FOR EMPLOYING
US20120272284A1	US13539923A	02/07/2012	25/10/2012	A FIRST DEVICE TO DIRECT A NETWORKED AUDIO DEVICE TO RENDER A
US20110143729A1	US13278884A	21/10/2011	07/06/2012	Method and device for obtaining playlist content over a network
US20120042337A1	US2008211777A	16/08/2008	16/02/2012	PERSONAL BROADCAST SERVER SYSTEM FOR PROVIDING A CUSTOMIZED
				METHOD AND DEVICE FOR AN INTERNET RADIO CAPABLE OF OBTAINING
US20120042094A1	US13282758A	27/10/2011	16/02/2012	PLAYLIST CONTENT FROM A CONTENT SERVER
US20120842007A1	US13207113A	10/08/2011	16/02/2012	METHODS AND APPARATUS FOR FACILITATING THE PRESENTATION OF
US20110286597A1	US13083994A	12/08/2011	01/12/2011	MUSIC HEADPHONES FOR MANUAL CONTROL OF AMBIENT SOUND
US20080209013A1	US2008114273A	02/05/2008	28/08/2008	SYSTEM AND METHOD FOR SHARING PLAYLISTS
US20080208379A1	US2008114286A	02/05/2008	28/08/2008	SYSTEM AND METHOD FOR SHARING PLAYLISTS
US20080133759A1	US200819015A	24/01/2008	05/06/2008	DEVICE DISCOVERY FOR DIGITAL ENTERTAINMENT NETWORK
US20070180063A1	US2007897833A	09/04/2007	02/08/2007	NETWORK-ENABLED AUDIO DEVICE AND RADIO SITE
US20070185313A1	US2006566599A	04/12/2006	05/07/2007	MODULAR INTERUNIT TRANSMITTER-RECEIVER FOR A PORTABLE AUDIO
				DISTRIBUTION OF MUSIC BETWEEN MEMBERS OF A CLUSTER OF MOBILE
US20070165312A1	US2006566552A	04/12/2006	05/07/2007	AUDIO DEVICES AND A WIDE AREA NETWORK
				AUDIO PLAYER DEVICE FOR SYNCHRONOUS PLAYBACK OF AUDIO SIGNALS
US20070142944A1	US2006566537A	04/12/2006	21/06/2007	WITH A COMPATIBLE DEVICE
US20070136769A1	US2006566580A	04/12/2006	14/06/2007	APPARATUS FOR PLAYING OF SYNCHRONIZED VIDEO BETWEEN WIRELESS
US20070133764A1	US2006566604A	04/12/2006	14/06/2007	TELEPHONE FOR MUSIC SHARING
US20070129006A1	US2006566574A	04/12/2006	07/06/2007	METHOD AND APPARATUS FOR COMMUNICATING WITHIN A WIRELESS
US20070128005A1	US2006566563A	04/12/2006	07/06/2007	METHOD AND APPARATUS FOR CREATING AND MANAGING CLUSTERS OF
US20070119004A1	US2006566546A	04/12/2006	07/06/2007	MUSIC DISTRIBUTION SYSTEM FOR MOBILE AUDIO PLAYER DEVICES
US20070116316A1	US2006566588A	04/12/2006	24/05/2007	MUSIC HEADPHONES FOR MANUAL CONTROL OF AMBIENT SOUND
US200700889135A1	US2006563227A	27/11/2006	19/04/2007	NETWORK-ENABLED AUDIO DEVICE
US200700889132A1	US2006563232A	27/11/2006	19/04/2007	NETWORK-ENABLED AUDIO DEVICE
US20070088804A1	US2006563230A	27/11/2006	19/04/2007	NETWORK-ENABLED AUDIO DEVICE
US20050251807A1	US2004840110A	05/05/2004	10/11/2005	System and method for sharing playlists
US20050251576A1	US2004840108A	05/05/2004	10/11/2005	Device discovery for digital entertainment network
US20050251566A1	US2004840109A	05/05/2004	10/11/2005	Playlist downloading for digital entertainment network
US20050160270A1	US2003513702A	08/11/2004	21/07/2005	Localized audio networks and associated digital accessories
US20040248601A1	US2004882804A	29/06/2004	09/12/2004	Apparatus and method for coordinated music playback in wireless ad-hoc
US20020168938A1	US2001853728A	10/05/2001	14/11/2002	Apparatus and method for coordinated music playback in wireless ad-hoc
US20020072325A1	US2001993168A	20/08/2001	13/06/2002	Intelligent radio
US20020002039A1	US2001805470A	12/03/2001	03/01/2002	Network-enabled audio device

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AU2003266002A1	AU2003266002A	06/05/2003	08/01/2004	LOCALIZED AUDIO NETWORKS AND ASSOCIATED DIGITAL ACCESSORIES
CA2318914A1	CA2318914A	19/01/1999	29/07/1999	INTELLIGENT RADIO RADIO INTELLIGENTE
CA2485100A1	CA2485100A	06/05/2003	13/11/2003	LOCALIZED AUDIO NETWORKS AND ASSOCIATED DIGITAL ACCESSORIES RESEAUX RADIO LOCALISES ET ACCESSOIRES NUMERIQUES ASSOCIES
CA2485100C	CA2485100A	06/05/2003	09/10/2012	LOCALIZED AUDIO NETWORKS AND ASSOCIATED DIGITAL ACCESSORIES RESEAUX RADIO LOCALISES ET ACCESSOIRES NUMERIQUES ASSOCIES
CA2783614A1	CA2783614A	06/05/2003	13/11/2003	LOCALIZED AUDIO NETWORKS AND ASSOCIATED DIGITAL ACCESSORIES RESEAUX RADIO LOCALISES ET ACCESSOIRES NUMERIQUES ASSOCIES
CA2783614C	CA2783614A	06/05/2003	12/01/2015	LOCALIZED AUDIO NETWORKS AND ASSOCIATED DIGITAL ACCESSORIES RESEAUX RADIO LOCALISES ET ACCESSOIRES NUMERIQUES ASSOCIES
EP1050111A1	EP1899903152A	19/01/1999	08/11/2000	INTELLIGENT RADIO RADIO INTELLIGENTE INTELLIGENTES FUNKGERÄT
EP1510031A2	EP2003741778A	06/05/2003	02/03/2005	LOCALIZED AUDIO NETWORKS AND ASSOCIATED DIGITAL ACCESSORIES LOCALISIERTE AUDIONETZWERKE UND ZUGEORDNETE DIGITALE HILFSMITTEL RESEAUX RADIO LOCALISES ET ACCESSOIRES NUMERIQUES ASSOCIES
EP1510031A4	EP2003741778A	06/05/2003	04/02/2009	LOCALIZED AUDIO NETWORKS AND ASSOCIATED DIGITAL ACCESSORIES
JP04555072B2	JP2004502107A	06/05/2003	29/09/2010	LOCALIZED AUDIO NETWORKS AND ASSOCIATED DIGITAL ACCESSORIES
JP05181089B2	JP2009272583A	30/11/2009	10/04/2013	LOCALIZED AUDIO NETWORKS AND ASSOCIATED DIGITAL ACCESSORIES
JP05181090B2	JP2009272584A	30/11/2009	10/04/2013	LOCALIZED AUDIO NETWORKS AND ASSOCIATED DIGITAL ACCESSORIES
JP05394532B2	JP201297094A	20/04/2012	22/01/2014	LOCALIZED AUDIO NETWORKS AND ASSOCIATED DIGITAL ACCESSORIES
JP2005538028A	JP2004502107A	06/05/2003	15/09/2005	LOCALIZED AUDIO NETWORKS AND ASSOCIATED DIGITAL ACCESSORIES
WO1999038266A1	WO1999051001A	19/01/1999	29/07/1999	INTELLIGENT RADIO RADIO INTELLIGENTE
WO2003093950A2	WO2003051415A4	06/05/2003	13/11/2003	LOCALIZED AUDIO NETWORKS AND ASSOCIATED DIGITAL ACCESSORIES RESEAUX RADIO LOCALISES ET ACCESSOIRES NUMERIQUES ASSOCIES
WO2003093950A3	WO2003051415A4	06/05/2003	22/01/2004	LOCALIZED AUDIO NETWORKS AND ASSOCIATED DIGITAL ACCESSORIES RESEAUX RADIO LOCALISES ET ACCESSOIRES NUMERIQUES ASSOCIES

Exhibit A

ASSIGNOR: BLACK HILLS MEDIA LLC

By:  _____

Name: Walter B. SVEYDSEN

Title: CEO

Date: 8/21/2020

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