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UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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YAMAHA CORPORATION OF AMERICA  
Petitioner

v.

BLACK HILLS MEDIA, LLC  
Patent Owner

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Case No. IPR2013-00594  
Patent 8,050,652

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**PATENT OWNER'S NOTICE OF  
SUBMISSION OF DEMONSTRATIVES**

**PATENT OWNER'S NOTICE OF  
SUBMISSION OF DEMONSTRATIVES**

Pursuant to 37 C.F.R. § 42.70, Patent Owner Black Hills Media, LLC  
("Patent Owner") hereby submits the attached demonstratives for the Oral Hearing  
scheduled for October 20, 2014.

Respectfully submitted,

Dated: October 16, 2014

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**CERTIFICATE OF SERVICE**

I hereby certify that on October 16, 2014, a true and accurate copy of this paper, PATENT OWNER'S NOTICE OF SUBMISSION OF DEMONSTRATIVES, was served on the following counsel for Petitioner via email:

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# Opposition to Petitions for *Inter Partes* Review of

US Pat. 8,045,952  
IPR2013-00593  
&

US Pat. 8,050,652  
IPR2013-00594

October 20, 2014

Patent Owner Black Hills Media, LLC  
Trial Demonstratives

(12) **United States Patent**  
Qureshey et al. (10) Patent No.: **US 8,045,952 B2**  
(45) Date of Patent: **\*Oct. 25, 2011**

(54) **METHOD AND DEVICE FOR OBTAINING PLAYLIST CONTENT OVER A NETWORK**  
(75) Inventors: **Safi Qureshey**, Santa Ana, CA (US); **Daniel D. Sheppard**, Brea, CA (US)  
(73) Assignee: **Horsham Enterprises, LLC**, Wilmington, DE (US)  
(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1292 days.  
This patent is subject to a terminal disclaimer.

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**Primary Examiner** — Pablo Tran  
(74) **Attorney, Agent, or Firm** — Withrow & Terranova, PLLC

(21) Appl. No.: **11/563,227**  
(22) Filed: **Nov. 27, 2006**

(65) **Prior Publication Data**  
US 2007/0089135 A1 Apr. 19, 2007

**Related U.S. Application Data**  
(63) Continuation of application No. 09/805,470, filed on Mar. 12, 2001, now abandoned, which is a continuation-in-part of application No. 09/096,703, filed on Jun. 12, 1998, now abandoned.

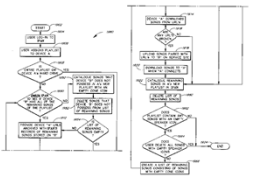
(60) Provisional application No. 60/246,842, filed on Nov. 8, 2000, provisional application No. 60/072,127, filed on Jan. 22, 1998.

(51) **Int. Cl.**  
**H04B 1/06** (2006.01)  
**H05K 11/00** (2006.01)  
**G06F 15/16** (2006.01)  
**H04N 5/445** (2006.01)

(52) **U.S. Cl.** ... **455/344**; **455/3.02**; **455/3.06**; **455/414.3**; **709/219**; **725/45**  
(58) **Field of Classification Search** ..... **455/344**, **455/185.1**, **186.1**, **188.1**, **3.02**, **3.06**, **142**, **455/414.1**, **414.3**, **66.1**, **556.1**, **557**, **558**; **709/217**, **219**; **725/39**, **45**, **18**  
See application file for complete search history.

**ABSTRACT**  
(57)  
A network-enabled audio device that provides a display device that allows the user to select playlists of music much like a jukebox is disclosed. The user can compose playlists from disk files, CD's, Internet streaming audio broadcasts, online music sites, and other audio sources. The user can also select a desired Web broadcast from a list of available Web broadcasts. In addition, the user can play standard audio CD's and MP3 encoded CD's and have access to local AM/FM stations. Further, the software, the user controls, and the display in the network-enabled audio device are operably configured and connected such that the user can listen to playlists that include CD's and other audio sources just as the user would choose a playlist in a jukebox. The user accesses a server site via a PC and the Internet. From the server site, the user obtains a list of the devices in his or her Internet Personal Audio Network (IPAN) and what songs are on those devices. The IPAN includes an IPAN server, an IPAN client, and IPAN software stored on the network-enabled audio device. Thus, the network-enabled audio device provides people who are or are not comfortable with computers a way of taking music from various sources and putting it into one place for listening pleasure. In one embodiment, the Personal Computer (PC) is used to compose the playlists, but the user is able to listen to playlists and other audio sources without using the PC.

26 Claims, 49 Drawing Sheets



# US PATENT 8,045,952 METHOD AND DEVICE FOR OBTAINING PLAYLIST CONTENT OVER A NETWORK

(12) **United States Patent**  
Qureshey et al. (10) Patent No.: **US 8,050,652 B2**  
(45) Date of Patent: **\*Nov. 1, 2011**

(54) **METHOD AND DEVICE FOR AN INTERNET RADIO CAPABLE OF OBTAINING PLAYLIST CONTENT FROM A CONTENT SERVER**  
(75) Inventors: **Safi Qureshey**, Santa Ana, CA (US); **Daniel D. Sheppard**, Brea, CA (US)  
(73) Assignee: **Horsham Enterprises, LLC**, Wilmington, DE (US)  
(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1374 days.  
This patent is subject to a terminal disclaimer.  
(21) Appl. No.: **11/563,232**  
(22) Filed: **Nov. 27, 2006**

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"A Music Revolution . . . SoundServer," merge, 2 pages.  
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**Primary Examiner** — Pablo Tran  
(74) **Attorney, Agent, or Firm** — Withrow & Terranova, PLLC

(65) **Prior Publication Data**  
US 2007/0089132 A1 Apr. 19, 2007

**Related U.S. Application Data**  
(63) Continuation of application No. 09/805,470, filed on Mar. 12, 2001, now abandoned, which is a continuation-in-part of application No. 09/096,703, filed on Jun. 12, 1998, now abandoned.

(60) Provisional application No. 60/246,842, filed on Nov. 8, 2000, provisional application No. 60/072,127, filed on Jan. 22, 1998.

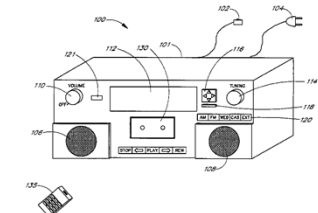
(51) **Int. Cl.**  
**H05K 11/00** (2006.01)  
**G06F 15/16** (2006.01)  
**H04N 5/445** (2011.01)

(52) **U.S. Cl.** ..... **455/344**; **455/556.1**; **455/557**; **455/414.1**; **455/414.3**; **709/217**; **709/219**; **725/39**; **725/45**

(58) **Field of Classification Search** ..... **455/3.02**, **455/3.06**, **142**, **150.1**, **151.1**, **151.2**, **154.1**, **455/154.2**, **158.1**, **158.2**, **158.4**, **186.1**, **344**, **455/414.1**, **414.3**, **456.2**, **556.1**, **557**; **709/217**, **709/219**; **725/39**, **45**, **18**  
See application file for complete search history.

**ABSTRACT**  
(57)  
A network-enabled audio device that provides a display device that allows the user to select playlists of music much like a jukebox is disclosed. The user can compose playlists from disk files, CD's, Internet streaming audio broadcasts, online music sites, and other audio sources. The user can also select a desired Web broadcast from a list of available Web broadcasts. In addition, the user can play standard audio CD's and MP3 encoded CD's and have access to local AM/FM stations. Further, the software, the user controls, and the display in the network-enabled audio device are operably configured and connected such that the user can listen to playlists that include CD's and other audio sources just as the user would choose a playlist in a jukebox. The user accesses a server site via a PC and the Internet. From the server site, the user obtains a list of the devices in his or her Internet Personal Audio Network (IPAN) and what songs are on those devices. The IPAN includes an IPAN server, an IPAN client, and IPAN software stored on the network-enabled audio device. Thus, the network-enabled audio device provides people who are or are not comfortable with computers a way of taking music from various sources and putting it into one place for listening pleasure. In one embodiment, the Personal Computer (PC) is used to compose the playlists, but the user is able to listen to playlists and other audio sources without using the PC.

64 Claims, 49 Drawing Sheets



# US PATENT 8,050,652 METHOD AND DEVICE FOR AN INTERNET RADIO CAPABLE OF OBTAINING PLAYLIST CONTENT FROM A CONTENT SERVER

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