



US 20090109894A1

(19) **United States**

(12) **Patent Application Publication**
Ueda et al.

(10) **Pub. No.: US 2009/0109894 A1**

(43) **Pub. Date: Apr. 30, 2009**

(54) **PSEUDO HUB-AND-SPOKE WIRELESS
AUDIO NETWORK**

Publication Classification

(75) Inventors: **Joji Ueda**, Cambridge, MA (US);
Ronald N. Isaac, Shrewsbury, MA
(US)

(51) **Int. Cl.**
H04J 1/10 (2006.01)
H04B 7/14 (2006.01)
(52) **U.S. Cl.** **370/315; 455/7**

Correspondence Address:
Bose Corporation
c/o Donna Griffiths
The Mountain, MS 40, IP Legal - Patent Support
Framingham, MA 01701 (US)

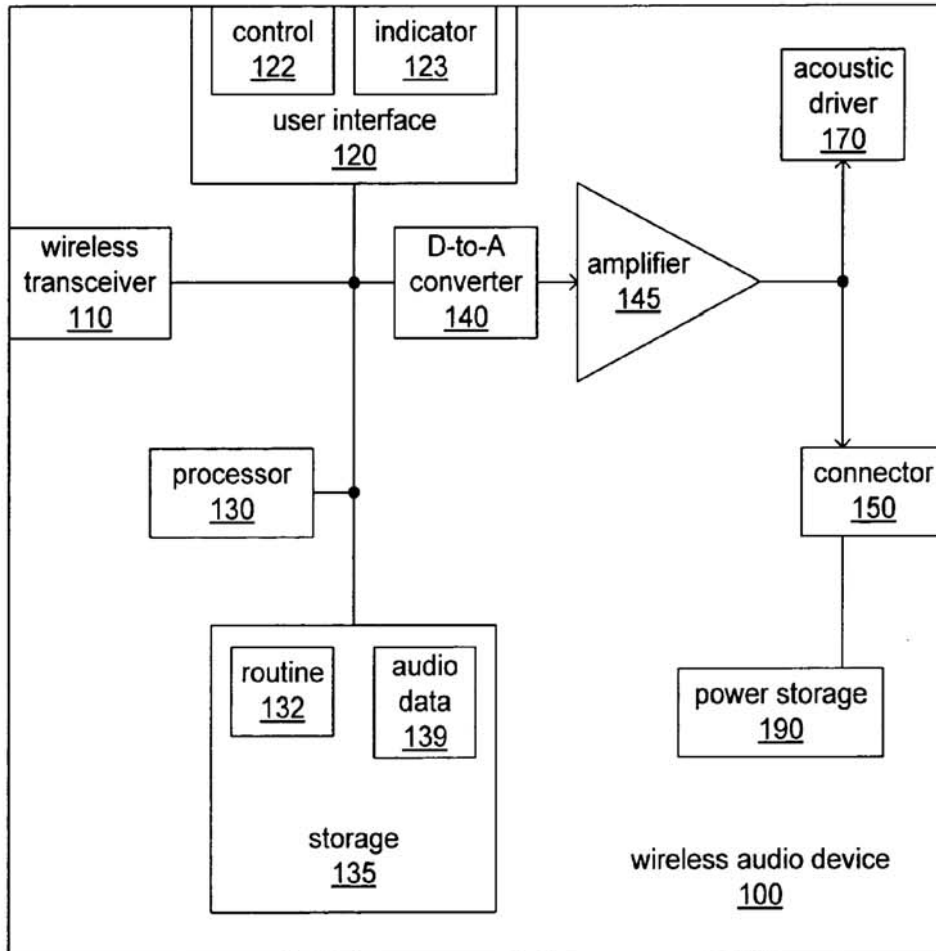
(57) **ABSTRACT**

An apparatus induces a first wireless device to transmit audio-related data to both the apparatus and a second wireless device by providing the first wireless device with a false indication of the apparatus being capable of performing an audio function that the apparatus is incapable of performing so as to enable the second wireless device to receive the audio-related data simultaneously with the apparatus, and wherein the second wireless device cooperates with the apparatus to leave the first wireless device unaware of the simultaneous receipt of the audio-related data by the second wireless device.

(73) Assignee: **BOSE CORPORATION**

(21) Appl. No.: **11/981,985**

(22) Filed: **Oct. 31, 2007**



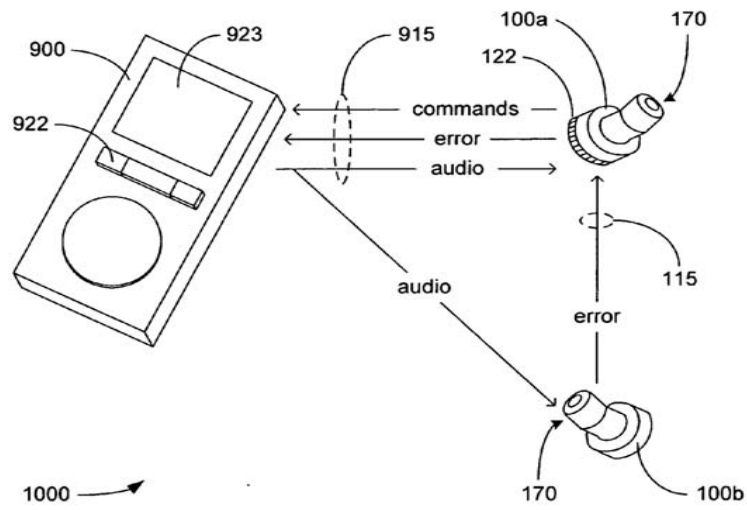


FIG. 1

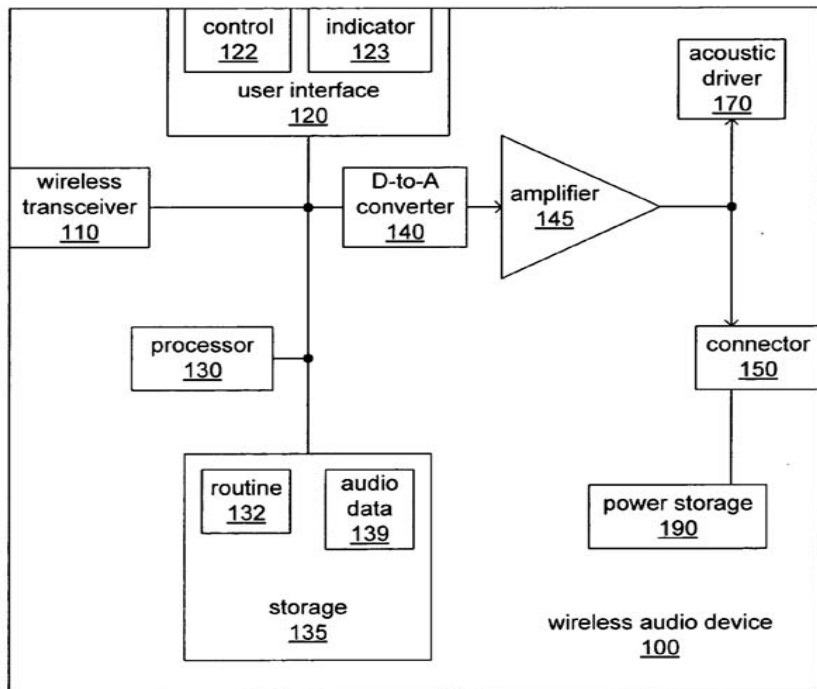


FIG. 2

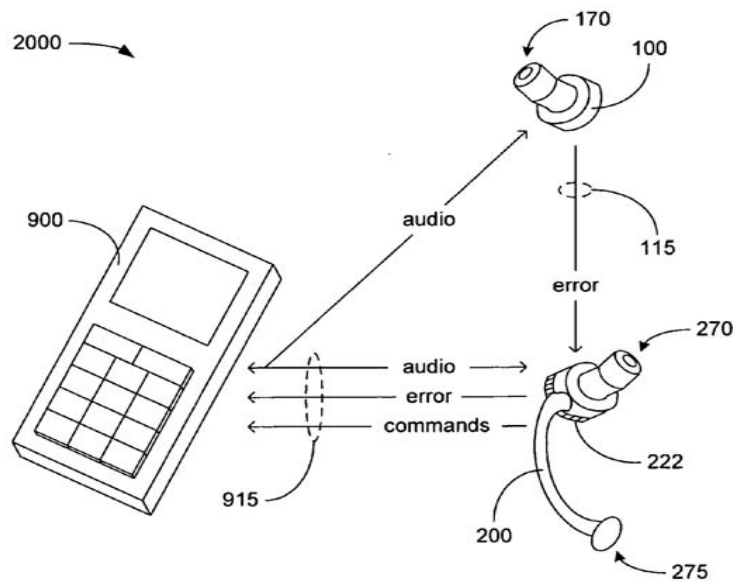


FIG. 3

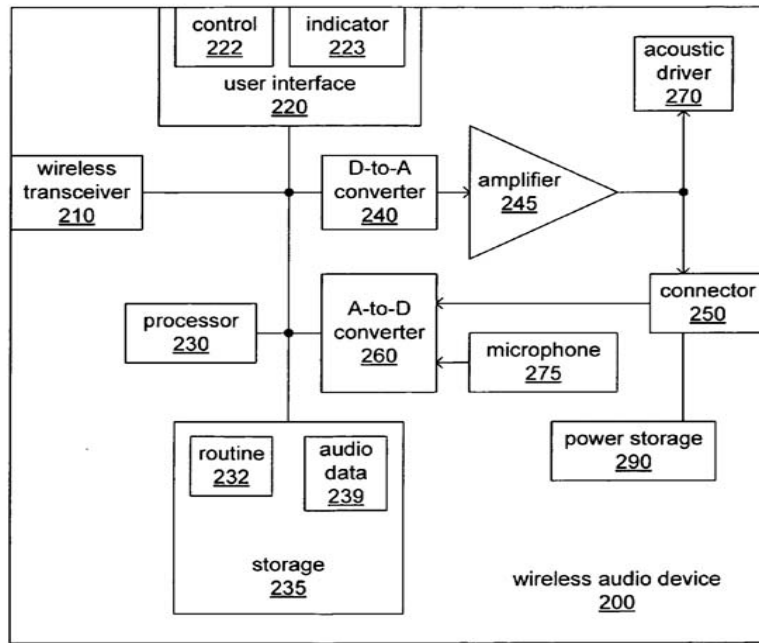


FIG. 4

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.