



US 20080076489A1

(19) **United States**

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

(10) **Pub. No.: US 2008/0076489 A1**

(43) **Pub. Date: Mar. 27, 2008**

(54) **PHYSICALLY AND ELECTRICALLY-SEPARATED, DATA-SYNCHRONIZED DATA SINKS FOR WIRELESS SYSTEMS**

(75) Inventors: **Douglas K. Rosener**, Santa Cruz, CA (US); **Jay Wilson**, Portola Valley, CA (US); **Scott Walsh**, Foxham (GB); **David Huddart**, Westbury-on-Trym (GB); **Andrew Knowles**, Southampton (GB)

Correspondence Address:
PLANTRONICS, INC.
345 ENCINAL STREET, P.O. BOX 635
SANTA CRUZ, CA 95060-0635

(73) Assignee: **PLANTRONICS, INC.**

(21) Appl. No.: **11/500,571**

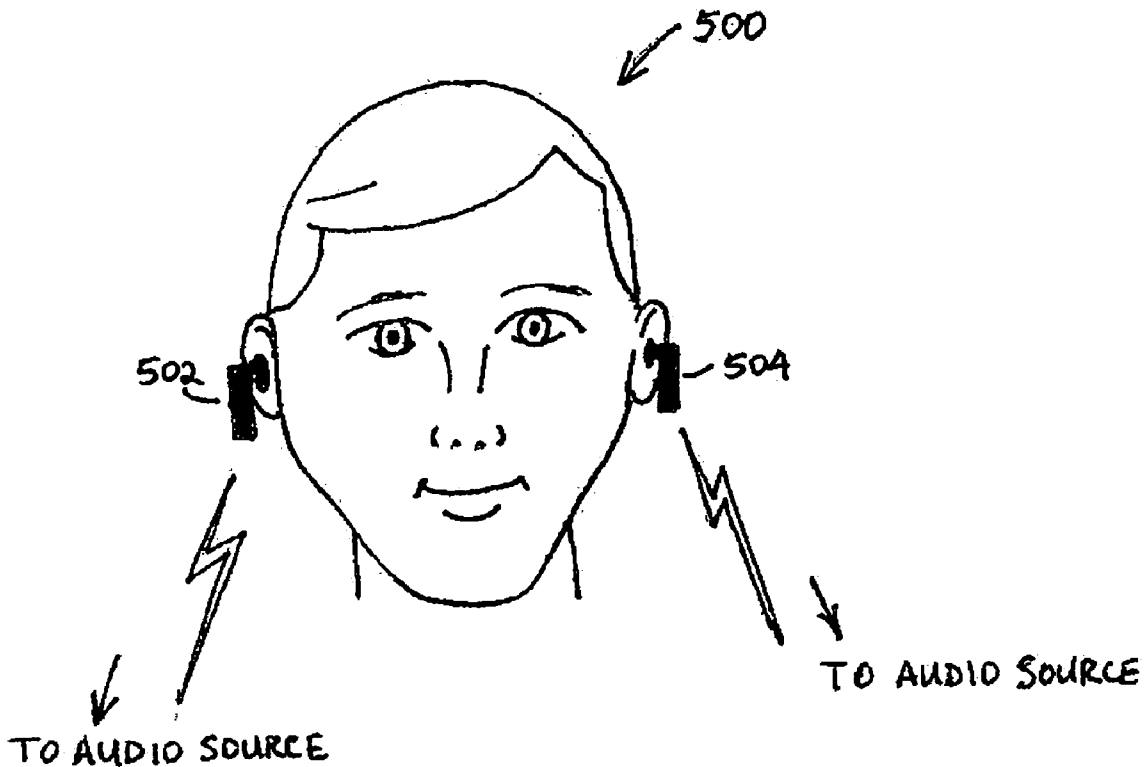
(22) Filed: **Aug. 7, 2006**

Publication Classification

(51) **Int. Cl.**
H04M 1/00 (2006.01)
(52) **U.S. Cl.** **455/575.2**

(57) **ABSTRACT**

Wireless systems having a plurality of physically and electrically-separated data sinks. An exemplary wireless system includes first and second data sinks having no physical or electrical connection therebetween. The first and second data sinks each include a wireless communication device, e.g., a radio frequency (RF) receiver or transceiver configured to receive data signals over one or more single-access wireless links or over a multi-access wireless link. The first and second data sinks in exemplary embodiments may comprise audio data sinks, e.g., stereo speakers, left-ear and right-ear earphones (e.g., earbuds or canalphones), left-ear and right-ear circum-aural over-the-ear headphones, etc. At least one of the first and second data sinks may also be coupled to a wireless transmitter and accompanying data source (e.g., a microphone or sensor), so as to provide, for example, two-way communications between a user and an external data device (e.g., a cellular telephone).



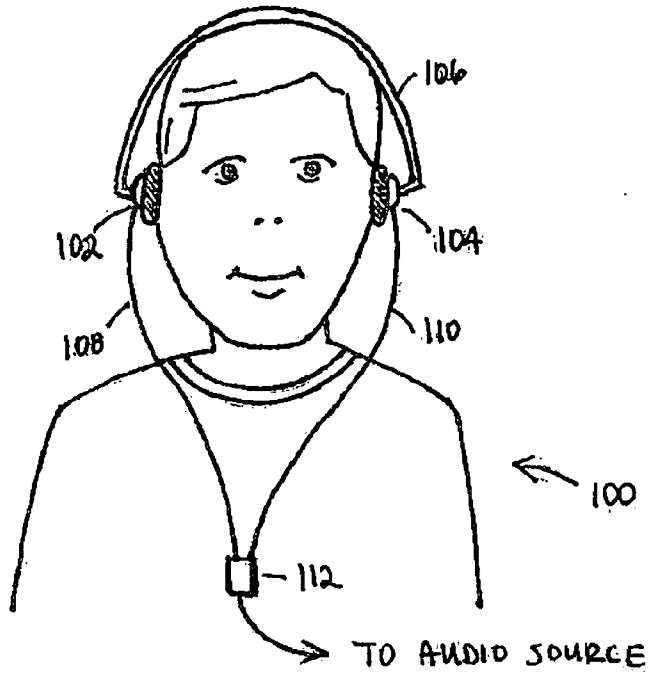


FIGURE 1A
(PRIOR ART)

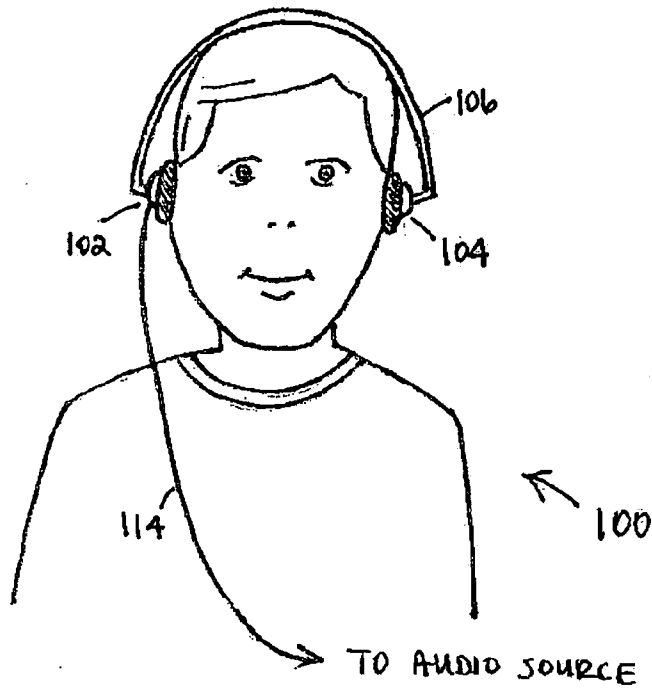


FIGURE 1B
(PRIOR ART)

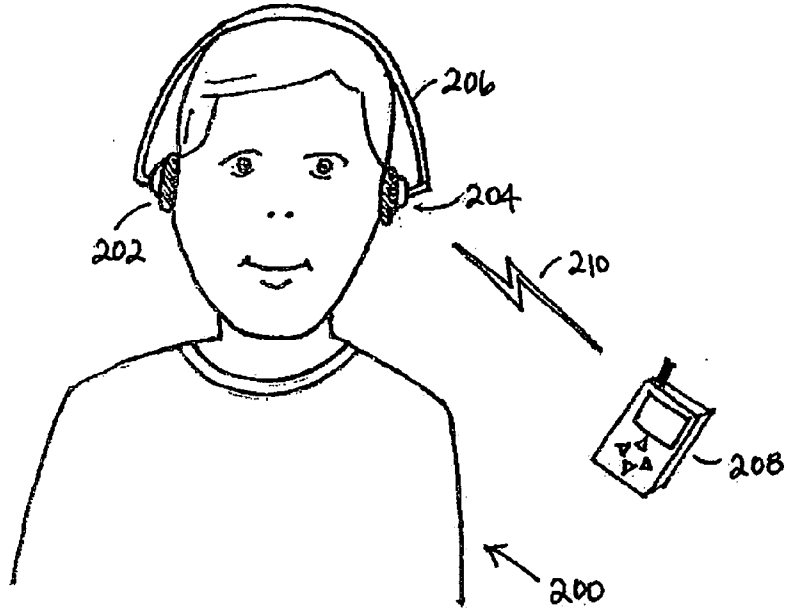


FIGURE 2
(PRIOR ART)

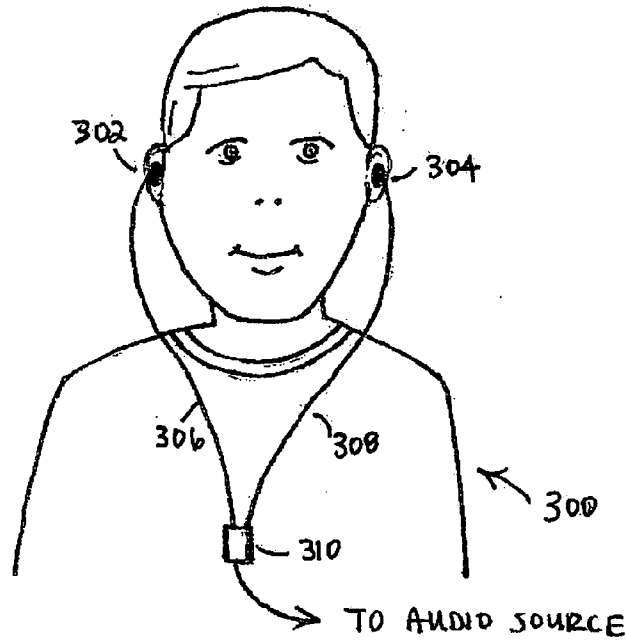


FIGURE 3
(PRIOR ART)

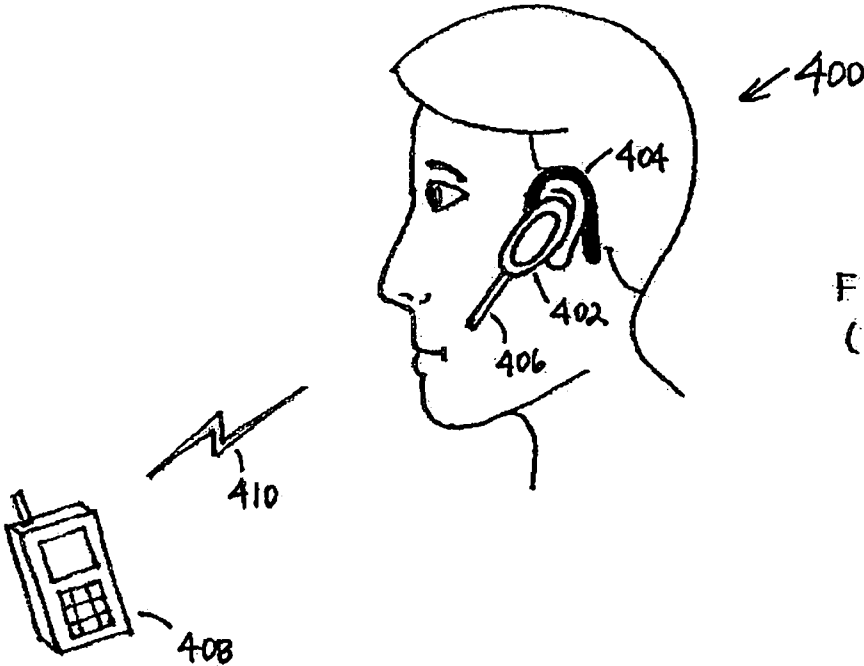


FIGURE 4
(PRIOR ART)

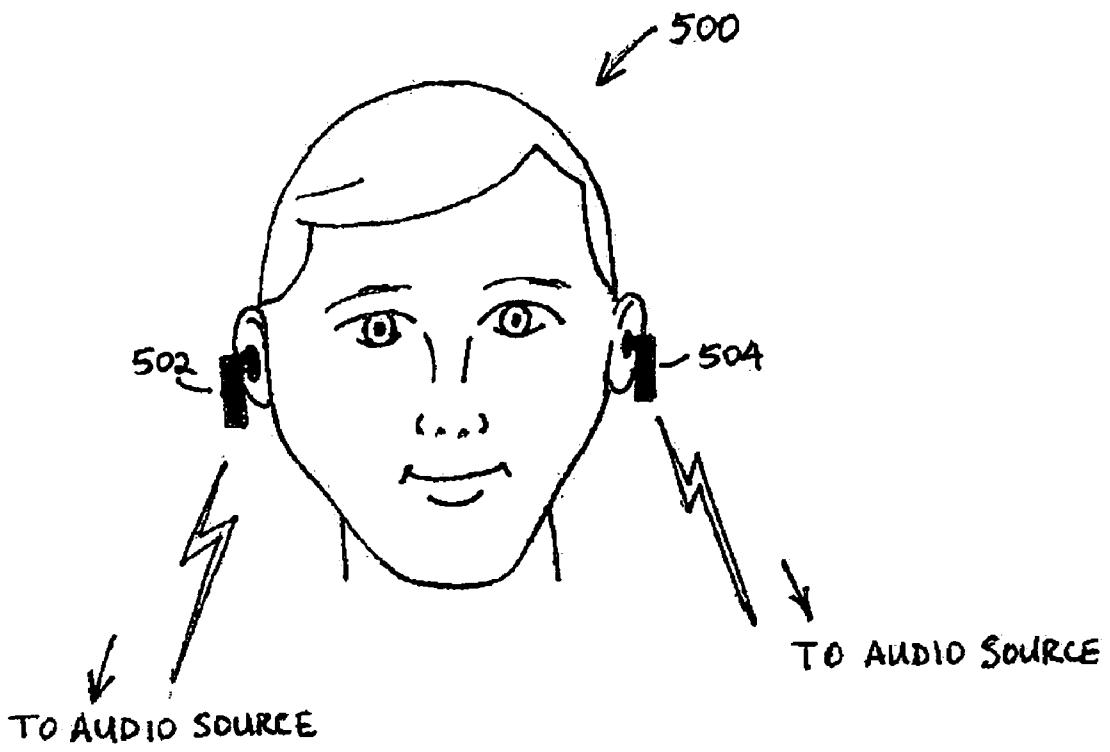


FIGURE 5

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.