

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2008/0166001 A1 Hankey et al.

(43) **Pub. Date:**

Jul. 10, 2008

(54) HEADSET WITH MICROPHONE AND CONNECTOR CO-LOCATION

(75) Inventors:

M. Evans Hankey, San Francisco, CA (US); Emery Sanford, San Francisco, CA (US); Christopher **D. Prest**, Mountain View, CA (US)

Correspondence Address:

ROPES & GRAY LLP PATENT DOCKETING 39/361, 1211 AVENUE OF THE AMERICAS NEW YORK, NY 10036-8704

Assignee: **Apple Inc**, Cupertino, CA (US)

11/823,922 (21)Appl. No.:

Filed: Jun. 28, 2007 (22)

Related U.S. Application Data

(60) Provisional application No. 60/879,177, filed on Jan. 6, 2007, provisional application No. 60/879,193, filed on Jan. 6, 2007, provisional application No. 60/879, 195, filed on Jan. 6, 2007, provisional application No.

60/878,852, filed on Jan. 5, 2007, provisional application No. 60/936,965, filed on Jun. 22, 2007.

Publication Classification

(51) Int. Cl.

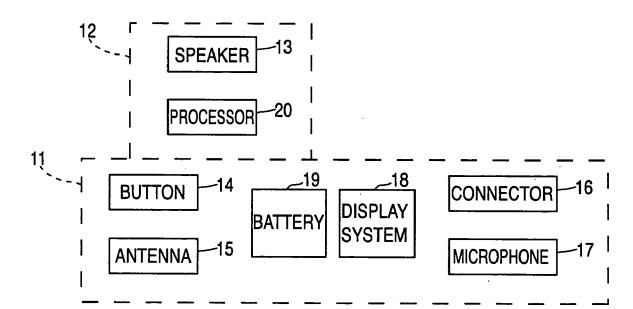
H04R 1/10 (2006.01)

U.S. Cl. 381/364; 381/361 (52)

(57)ABSTRACT

An electronic device is provided that includes a housing and a connector assembly coupled to the housing. The connector assembly can include a microphone port. The electronic device can further include a microphone mounted within the housing and a channel that fluidically couples the microphone to the microphone port. A joint connector and microphone assembly is also provided. The assembly can include a microphone with a top surface and side surfaces. The top surface of the microphone can include a microphone input. The assembly can include a microphone boot mounted to the microphone such that the boot interfaces with a portion of the top surface and the side surfaces to form a seal around the microphone input. The microphone boot can include a connector sealing portion and an aperture for fluidically coupling the microphone input to a microphone port. The assembly can include a connector plate mounted to the connector sealing portion.

<u>10</u>





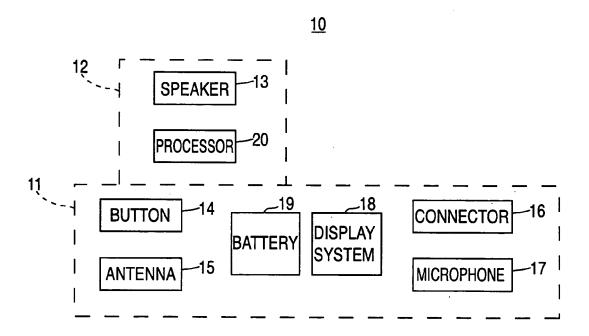


FIG. 1

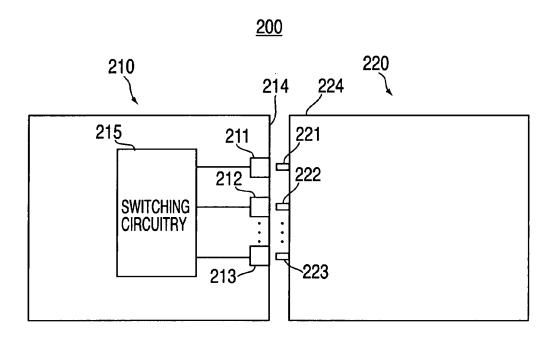
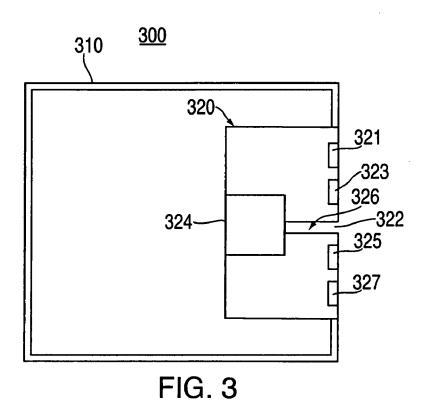


FIG. 2



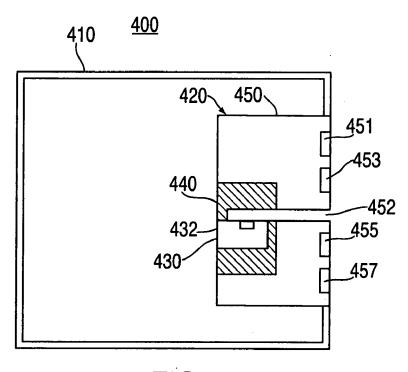
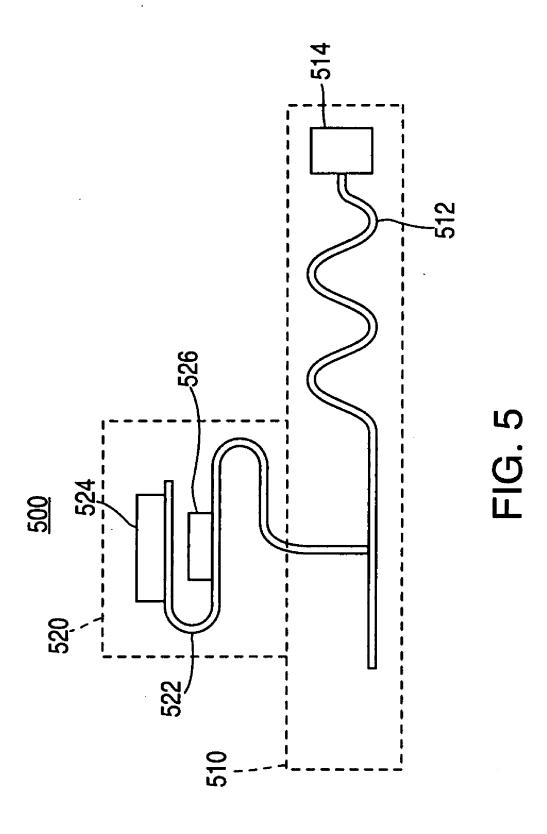


FIG. 4





DOCKET A L A R M

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.

