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(12) **United States Patent**
Gladwin et al.

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(45) **Date of Patent:** Apr. 12, 2005

(54) **STRUCTURE AND METHOD FOR SELECTING, CONTROLLING AND SENDING INTERNET-BASED OR LOCAL DIGITAL AUDIO TO AN AM/FM RADIO OR ANALOG AMPLIFIER**

(52) **U.S. Cl.** 700/94; 704/272; 369/29.02
(58) **Field of Search** 700/94; 704/272; 381/100, 124, 61; 369/29.02, 47.1; 368/39, 27

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(56) **References Cited**

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* cited by examiner

(73) **Assignee:** Mayland, LLC, Richmond, VA (US)

Primary Examiner—Melur Ramakrishnaiah

(*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 837 days.

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(57) **ABSTRACT**

A system and method that allows a host PC to provide an analog audio signal for a radio or amplifier without interfering with the operation of the host PC. This invention also allows the audio signal to be selected and controlled by a remote device without interfering with the operation of the host PC.

(21) **Appl. No.:** 09/649,981

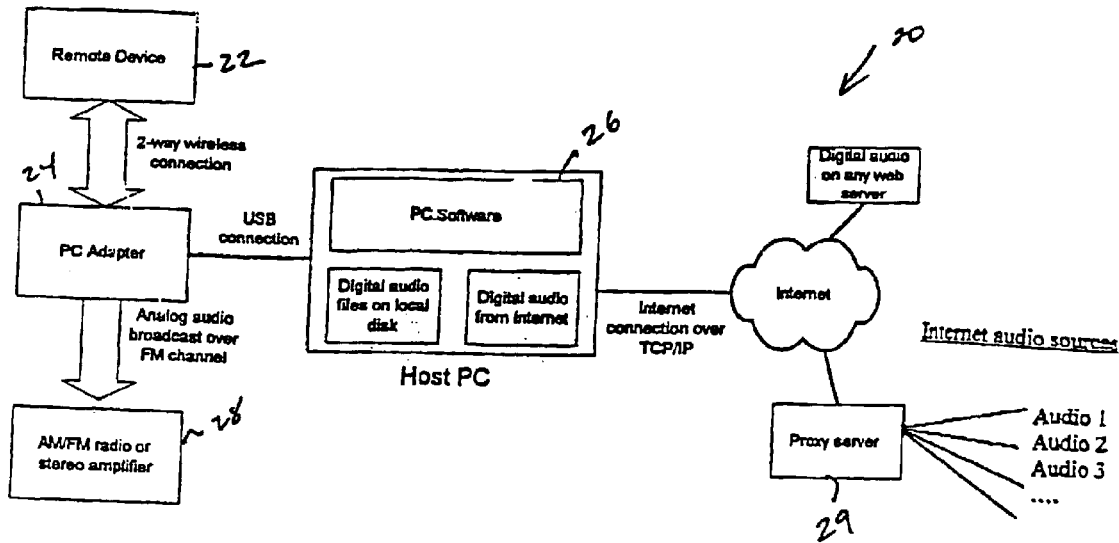
(22) **Filed:** Aug. 29, 2000

Related U.S. Application Data

(60) Provisional application No. 60/151,714, filed on Aug. 31, 1999.

(51) **Int. Cl.⁷** G06E 17/00

8 Claims, 5 Drawing Sheets



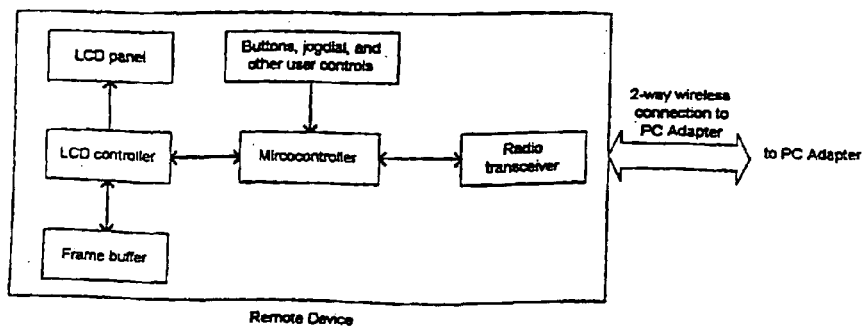
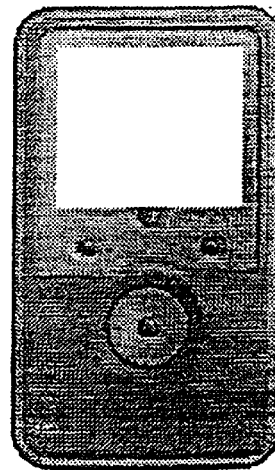
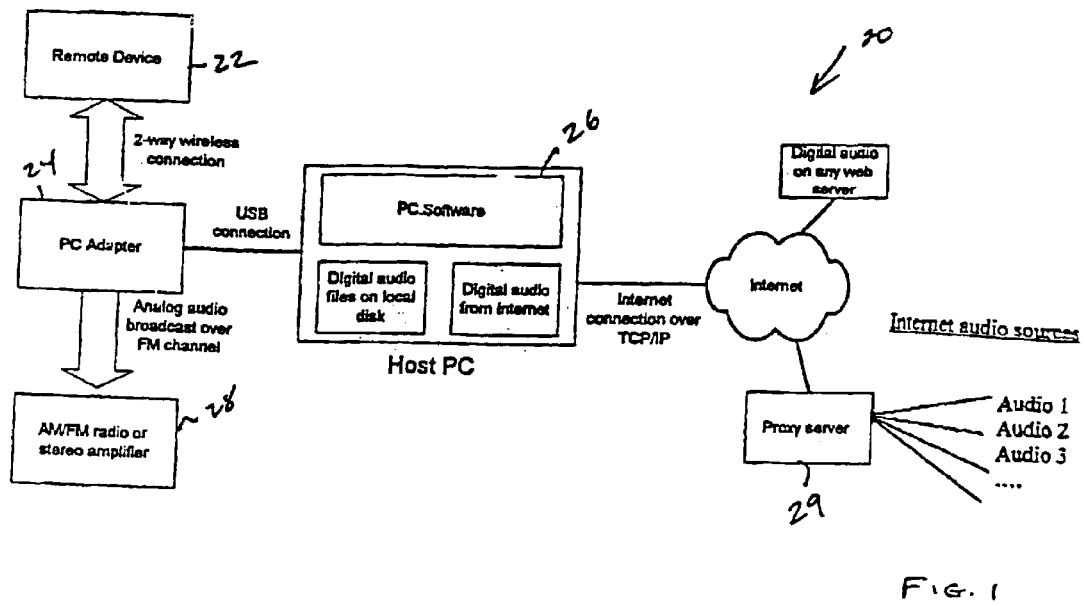
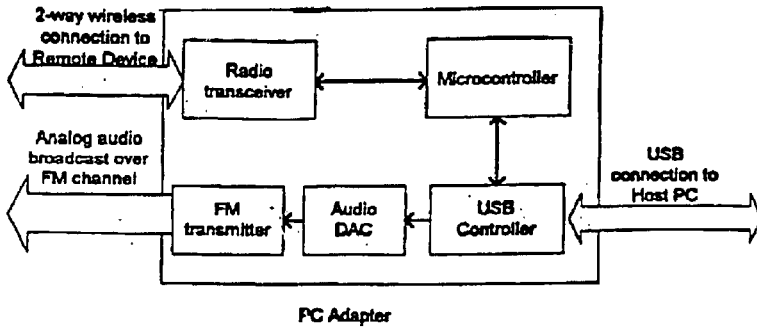


FIG. 3



← 2f

FIG 4

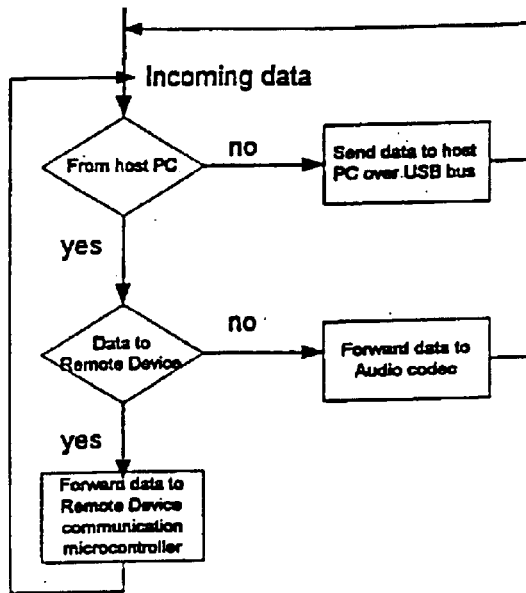


FIG 5

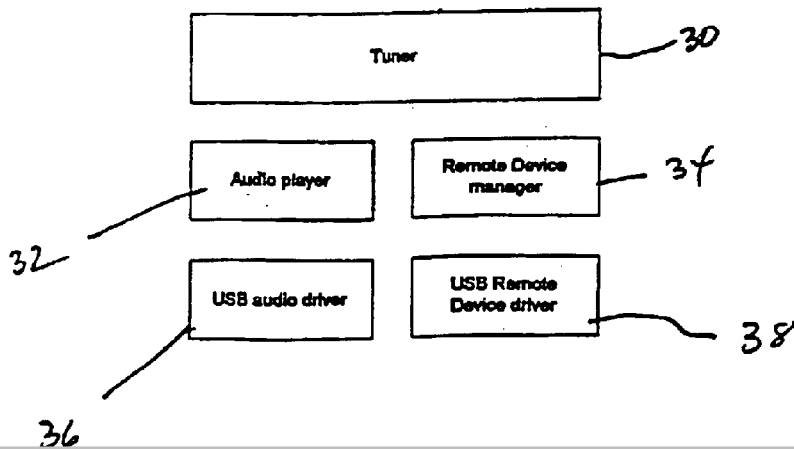


FIG-6

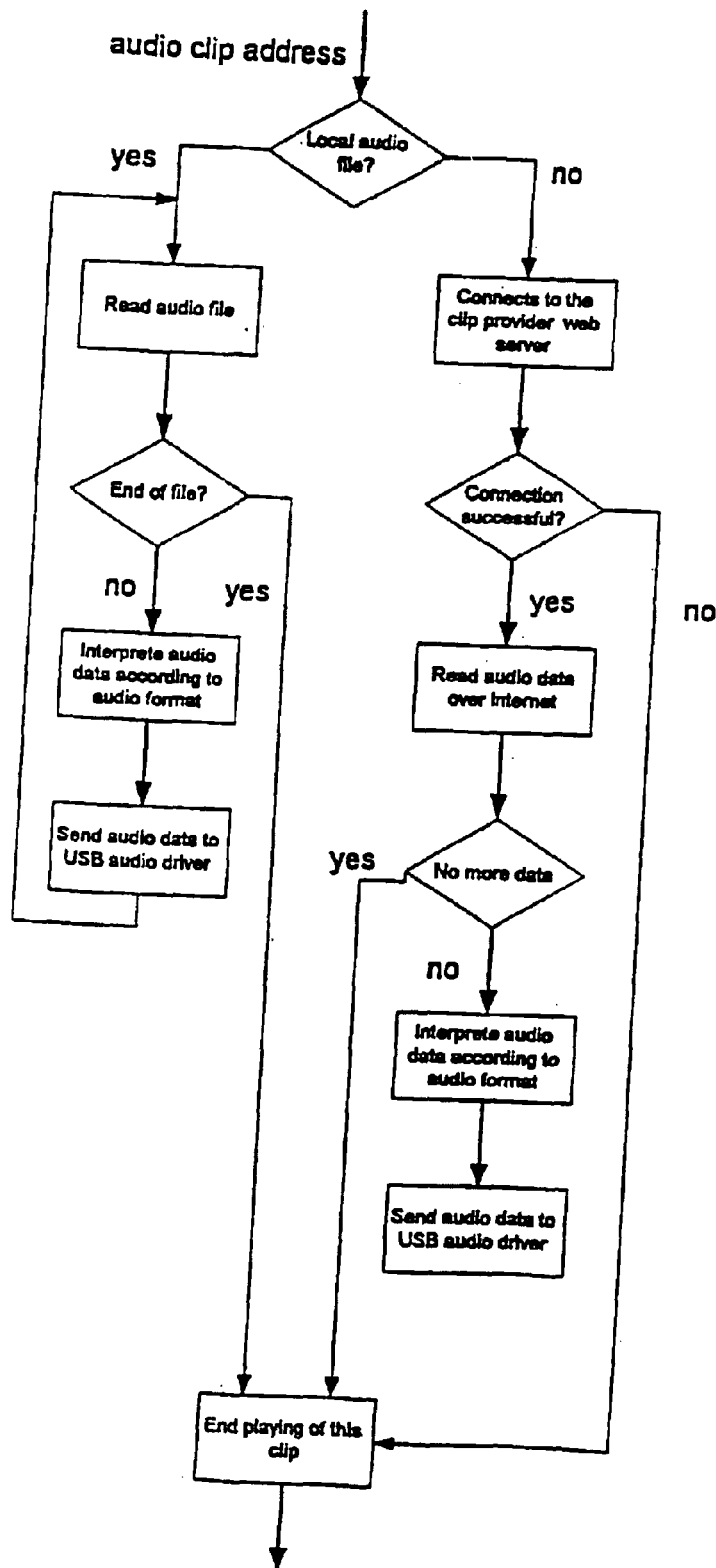


FIG. 7

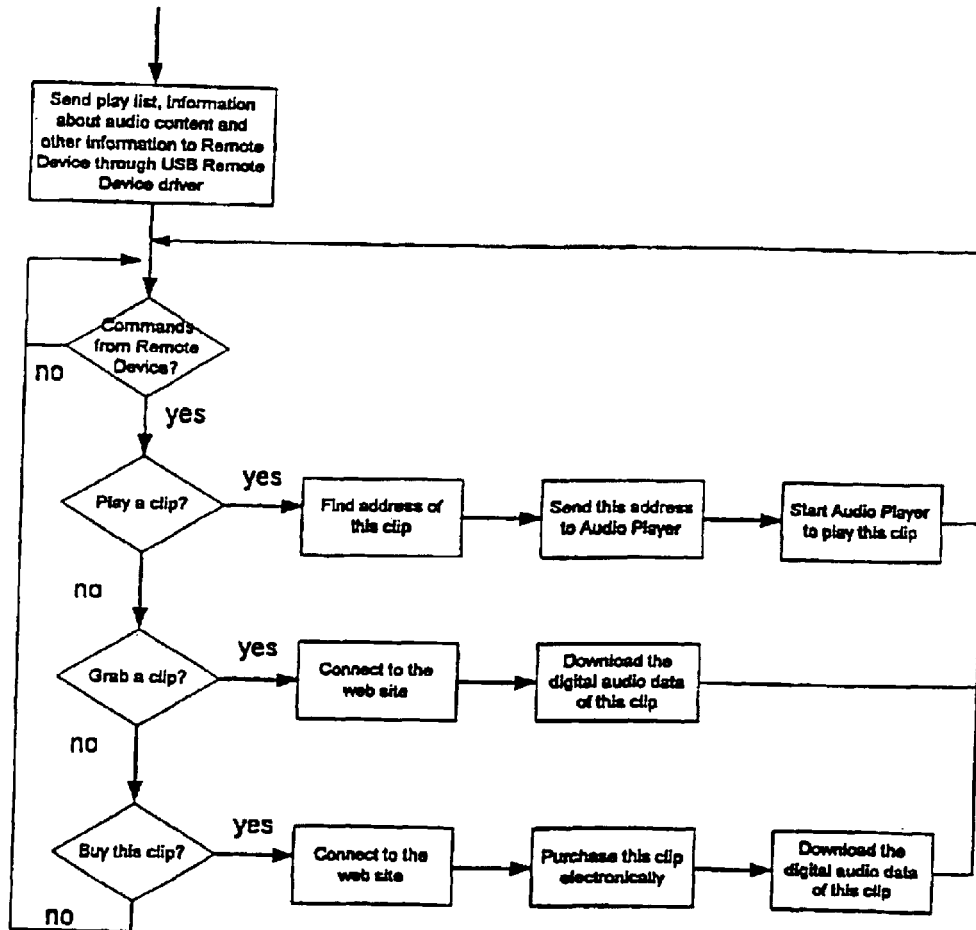


FIG. 8

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