



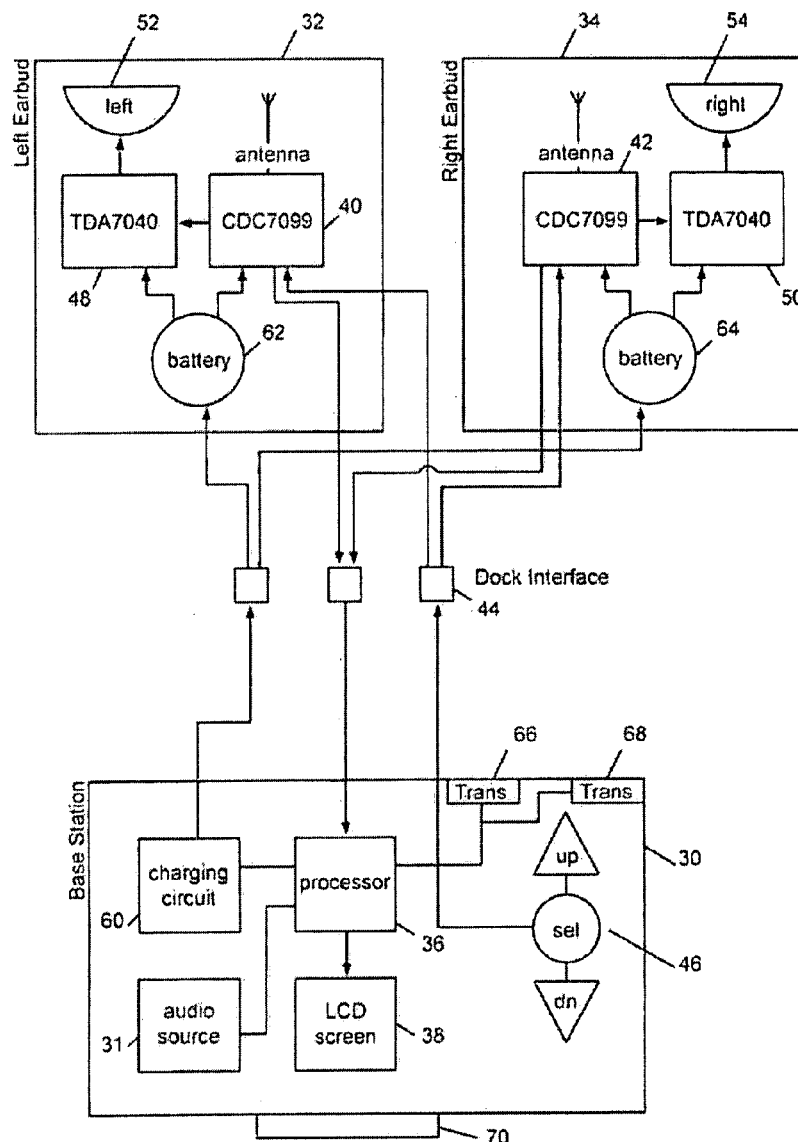
US 20090046869A1

(19) **United States**(12) **Patent Application Publication**  
Griffin, JR. et al.(10) **Pub. No.: US 2009/0046869 A1**(43) **Pub. Date: Feb. 19, 2009**(54) **WIRELESS AUDIO RECEIVERS****Publication Classification**(76) Inventors: **Paul P. Griffin, JR.**, Nashville, TN  
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Nashville, TN (US)(51) **Int. Cl.**  
**H04R 1/10** (2006.01)  
(52) **U.S. Cl.** ..... **381/74**(57) **ABSTRACT**

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An audio system uses two frequencies to transmit a left and right audio signal to a pair of wireless earphones. Mono receivers in each of the earphones respectively receive the right or left audio signals and produce an audio output. The system includes a base that docks to the earphones such that they can be charged and configured to receive an audio output at the selected transmission frequency. The audio signal can be produced by the base or received from a portable electronic device to which the base is coupled. The base can also function as an FM transmitter for the device and utilize the device's controls and display.

(21) Appl. No.: **11/839,546**(22) Filed: **Aug. 16, 2007**

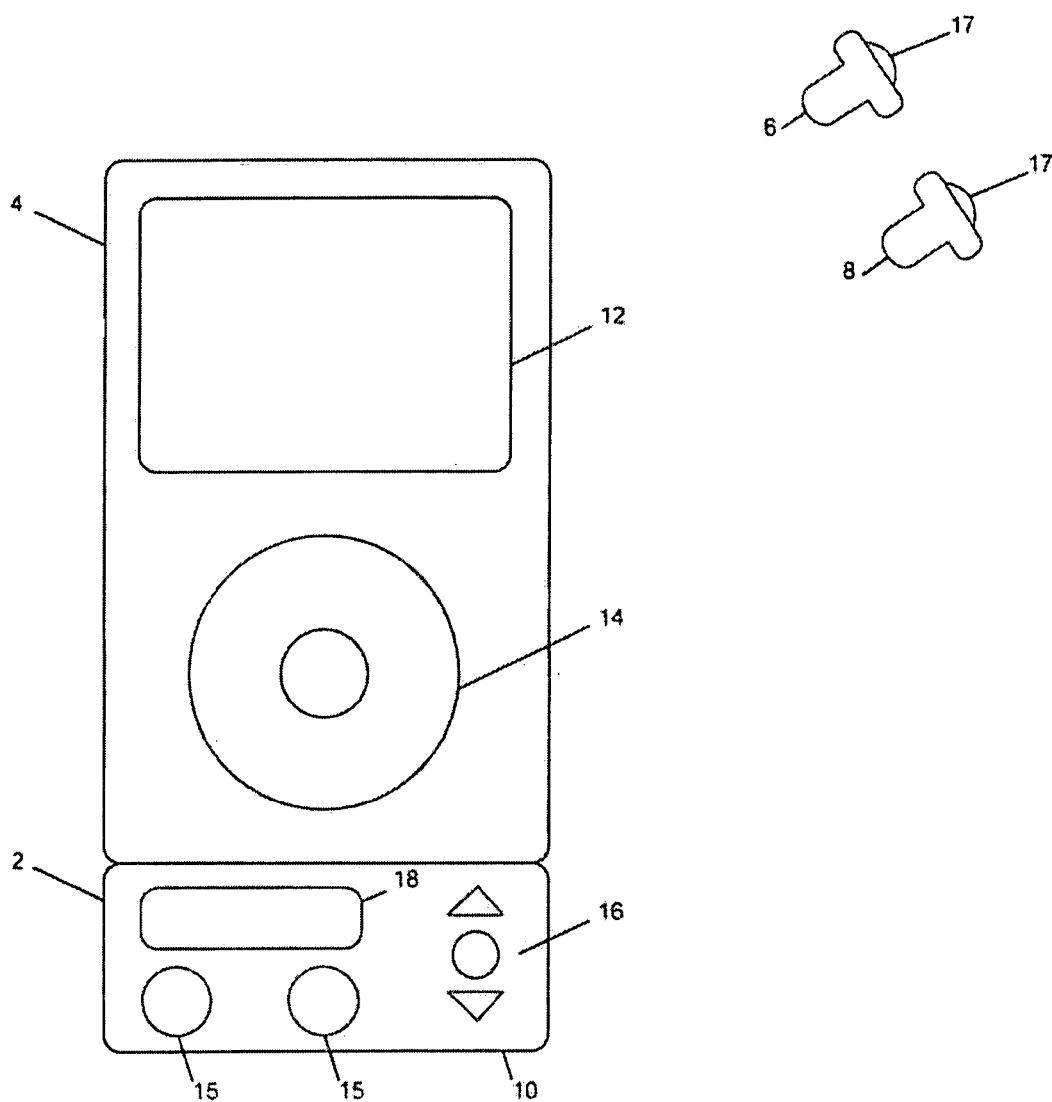


FIG. 1

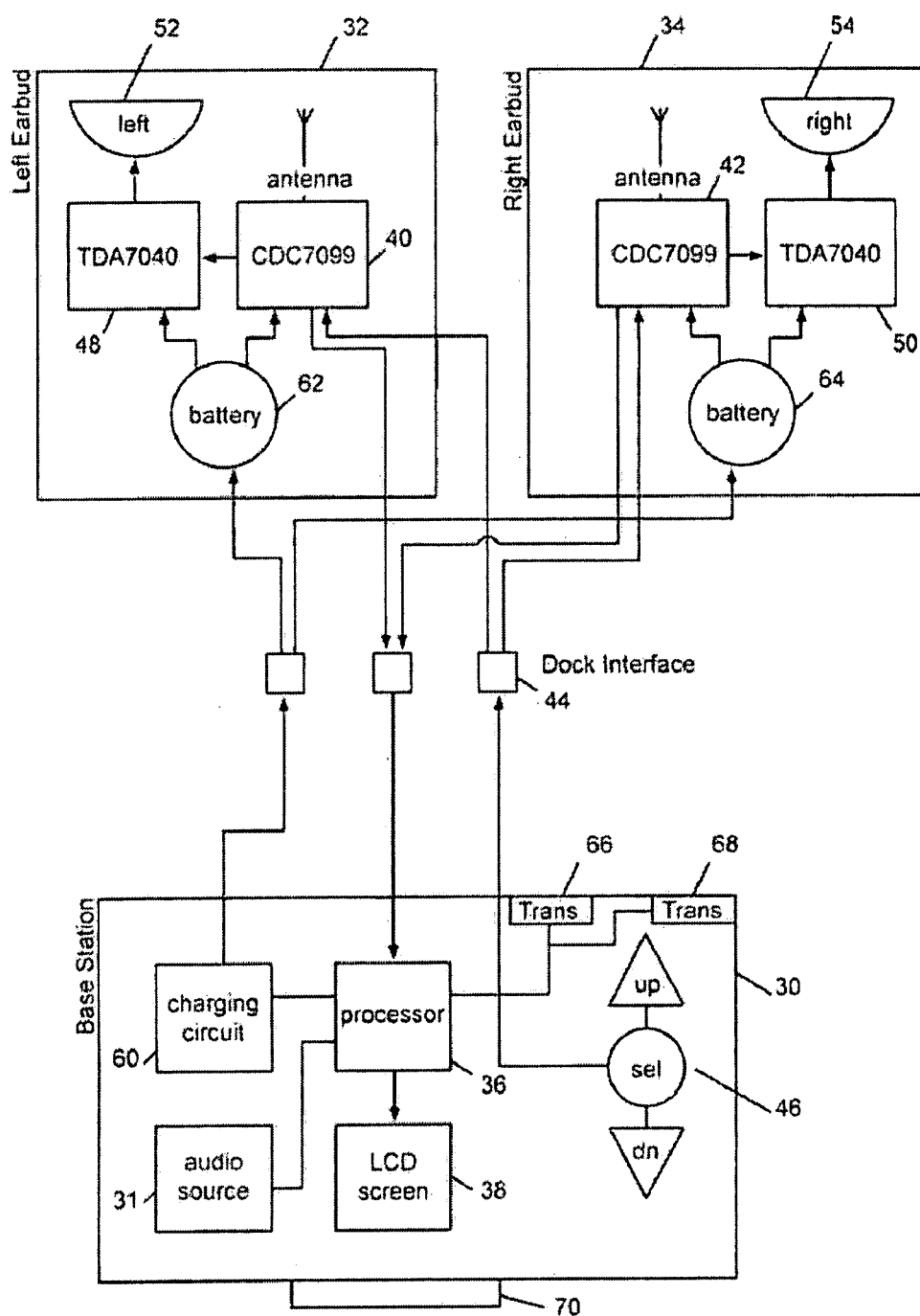


FIG. 2

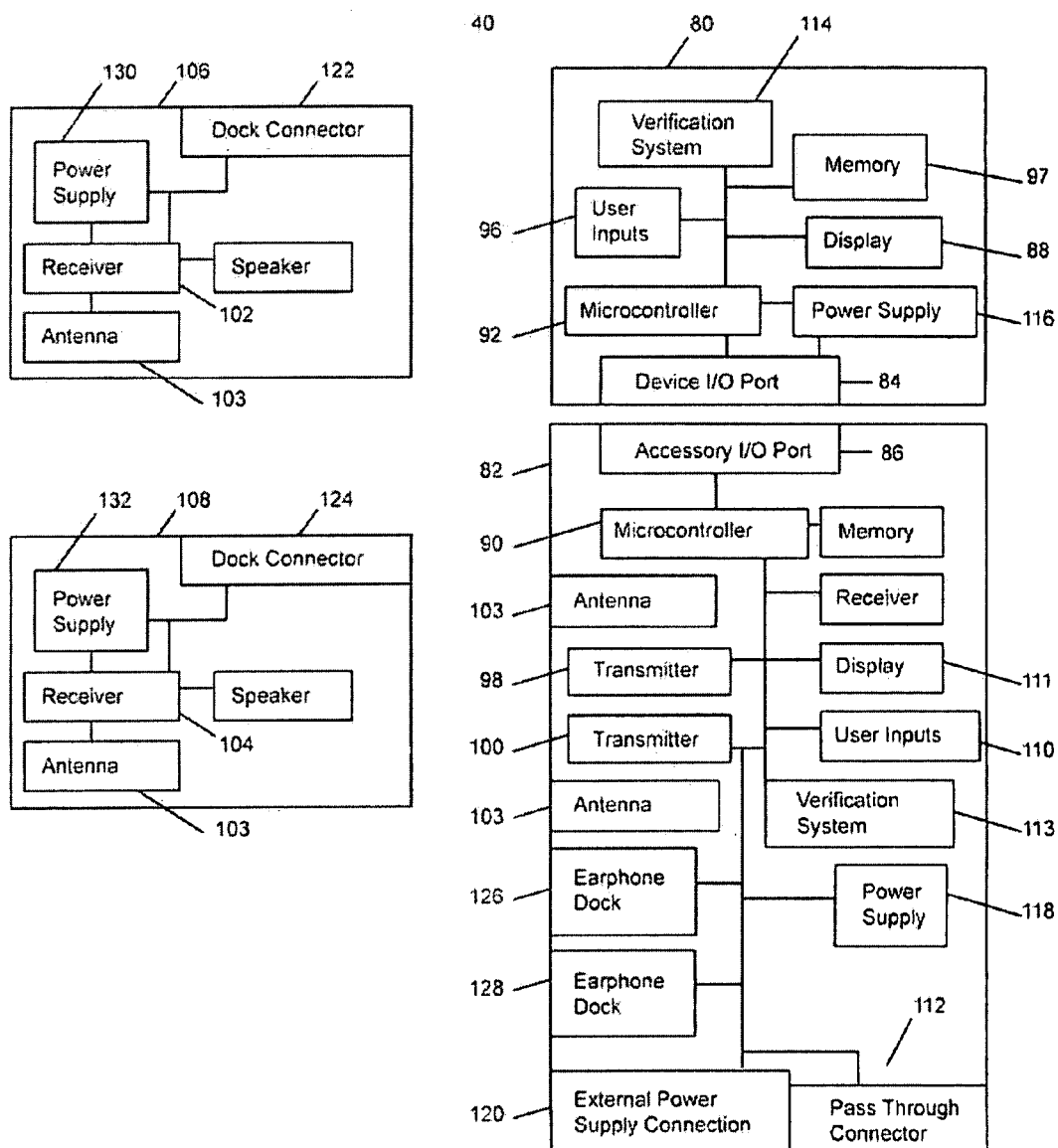


FIG. 3

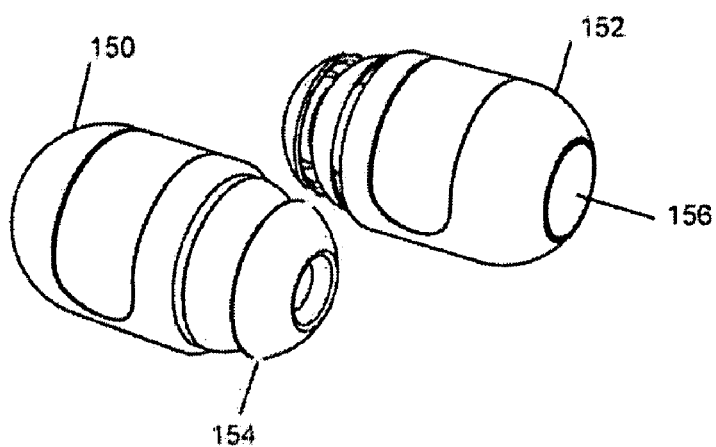


FIG. 4(a)

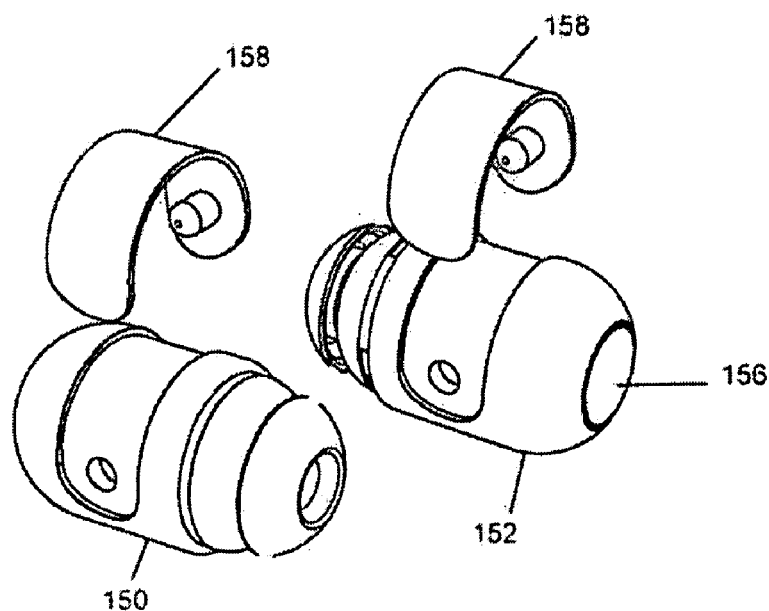


FIG. 4(b)

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