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(54) **MOBILE DEVICE HAVING CORD  
RETRACTOR**

(52) **U.S. Cl. .... 455/569.1; 242/370; 242/371;  
455/575.1**

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(57) **ABSTRACT**

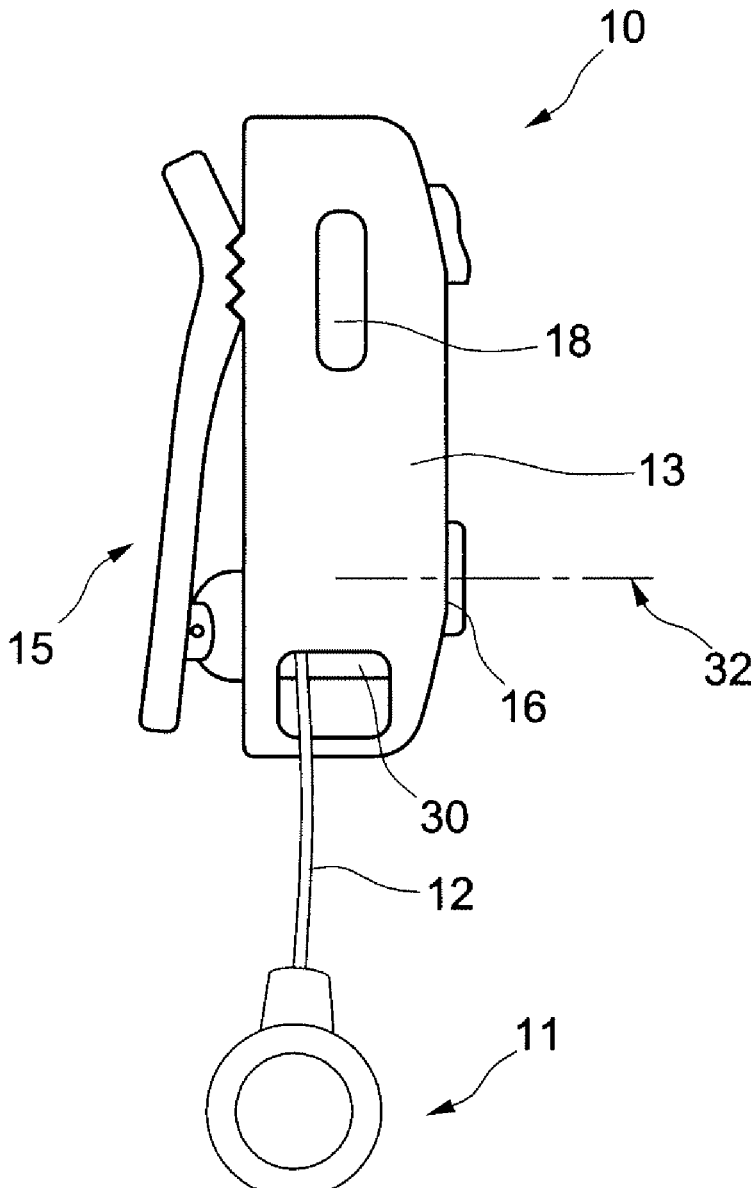
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A mobile device, particularly a wireless headset, includes a cord to which an earpiece is fixed and a module having a spring-actuated retractor reel into which the cord is retracted for storage. A fastener on the module makes the device wearable. A rotary encoder generates a position data output according to the rotational position of the reel, and a controller receives the position data output from the sensor, and, in response, controls a function such as placing the device in an on-hook or off-hook state.

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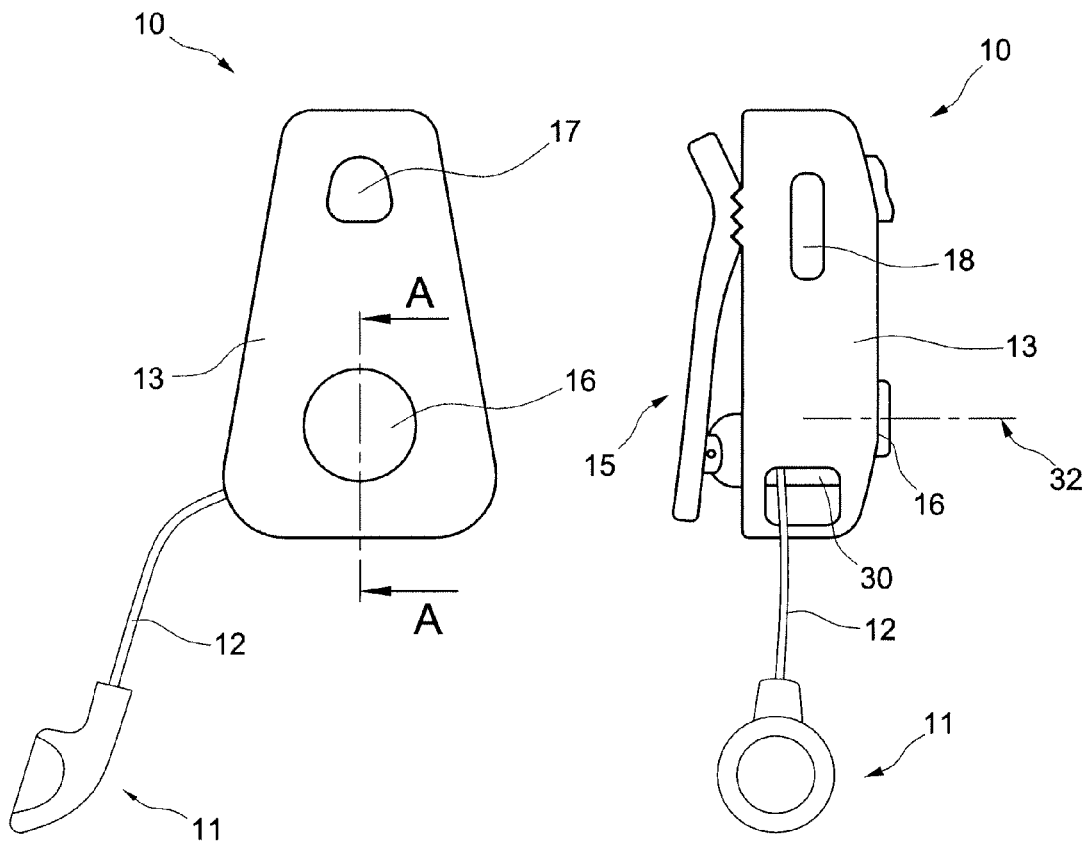


FIG.1

FIG.2

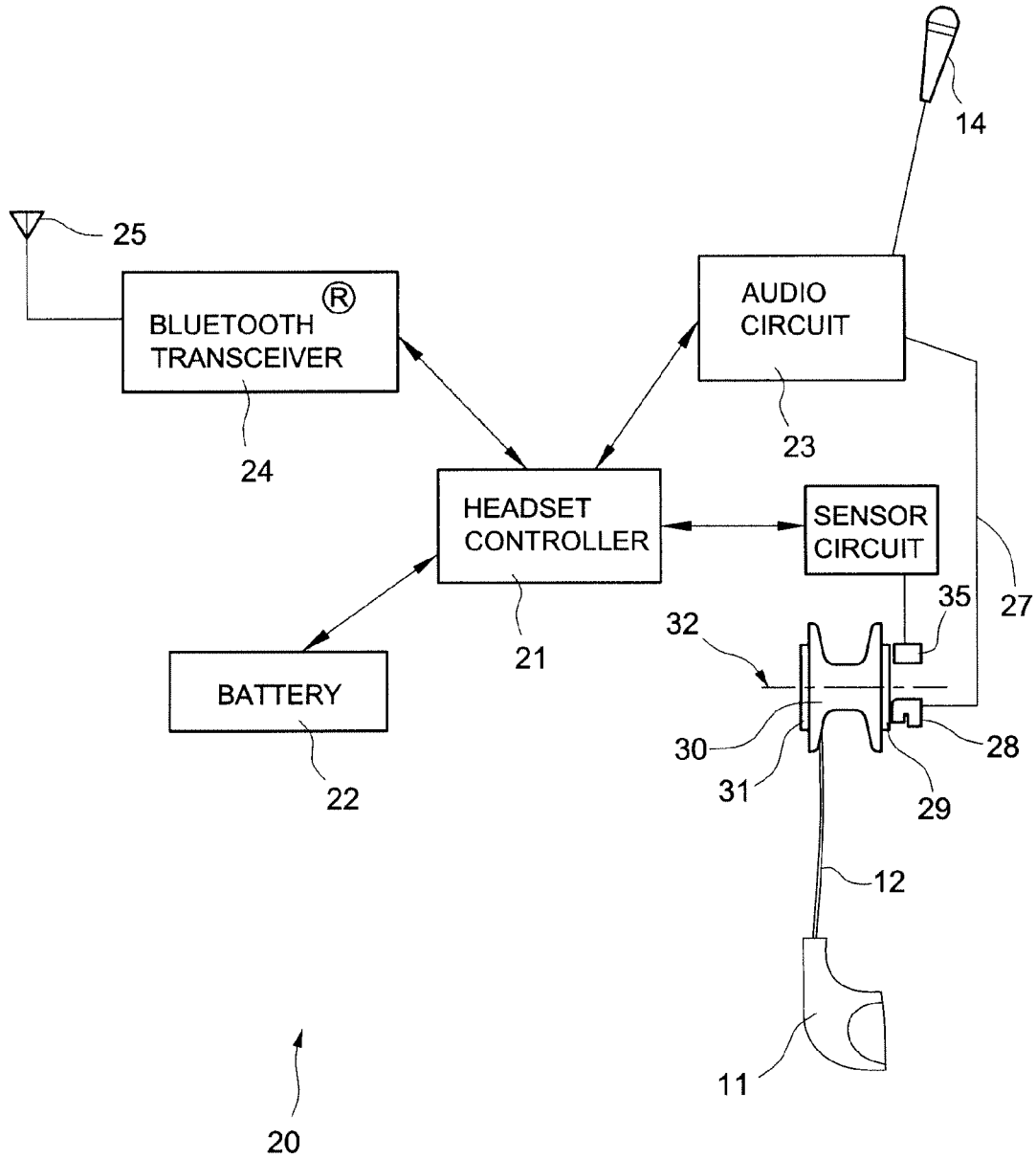
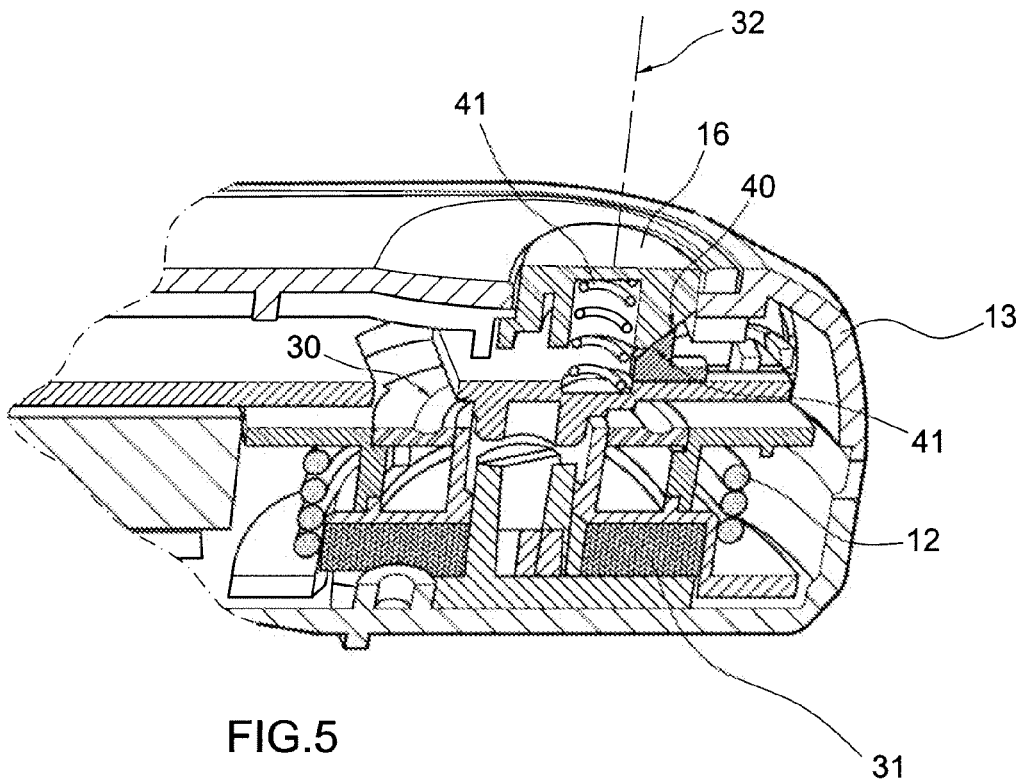
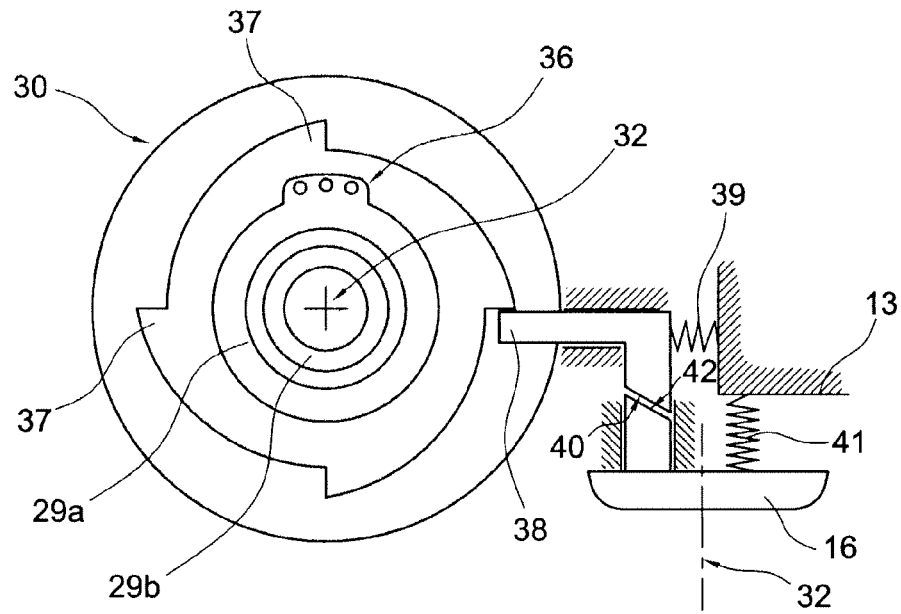


FIG.3



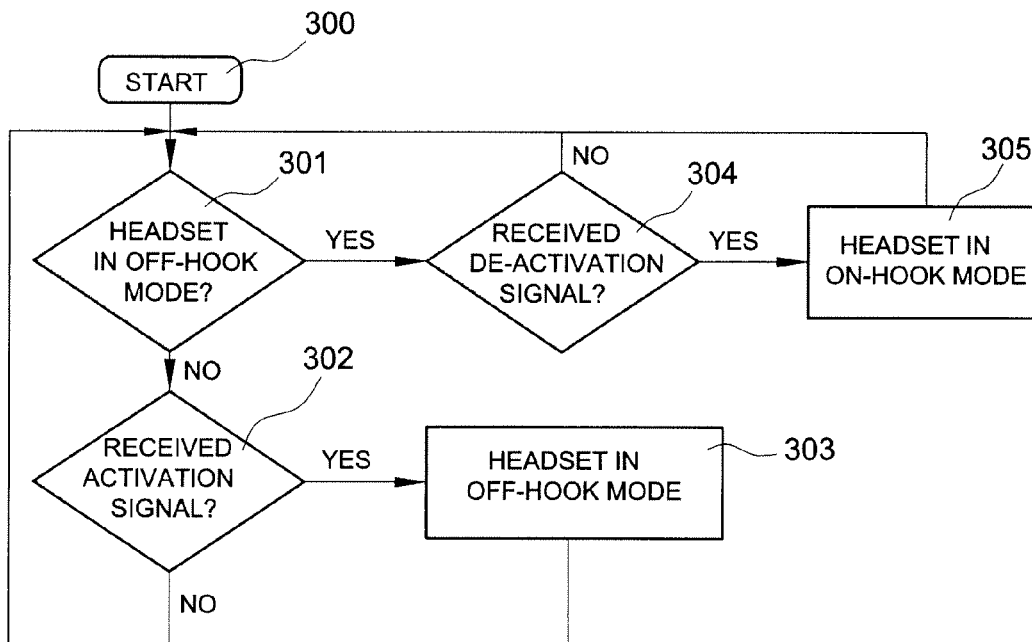


FIG.6

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