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(54) **WIRELESS HEADSETS AND WIRELESS COMMUNICATION NETWORKS FOR HEART RATE MONITORING**

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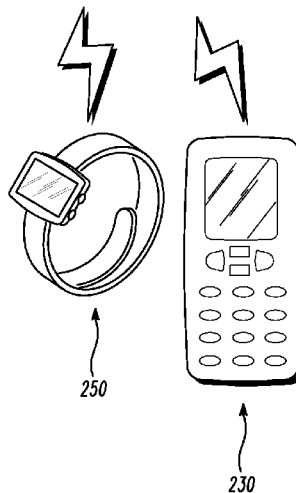
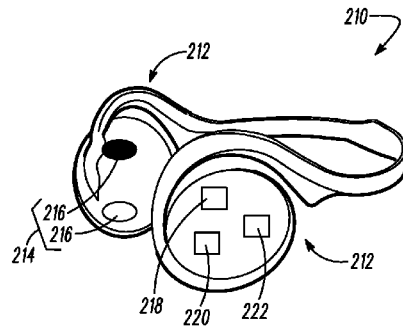
(52) **U.S. Cl.** ..... **600/508**

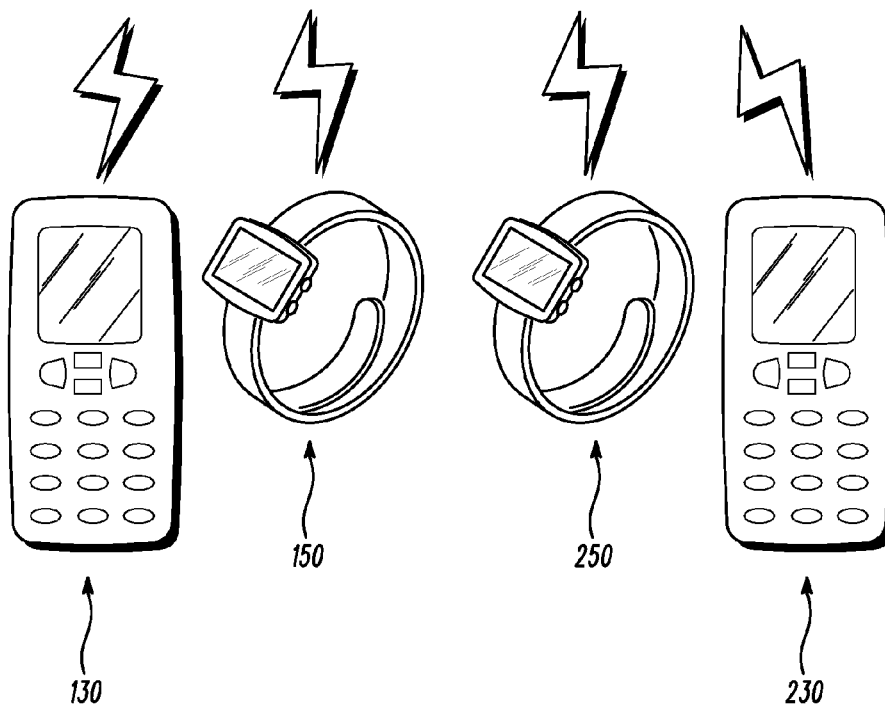
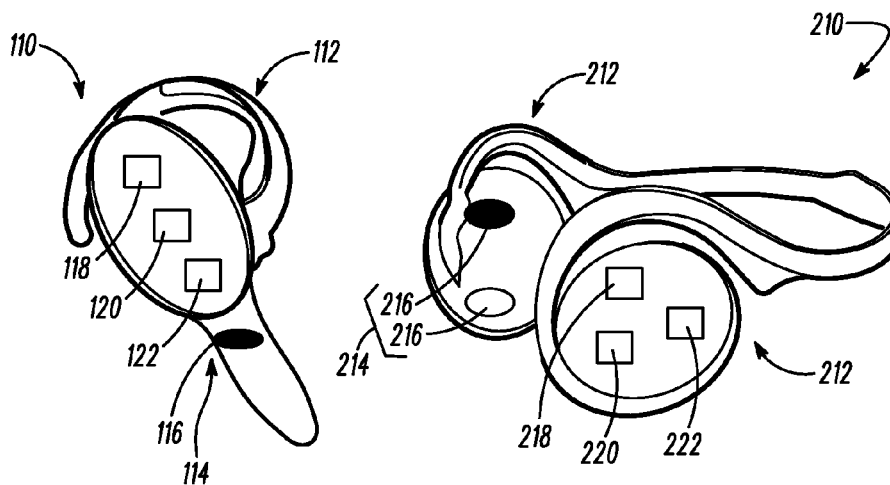
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(57) **ABSTRACT**

A multi-functional wireless headset may include a heart rate sensing assembly configured to detect heart rate data of a wearer of the headset, and a wireless communication unit configured to communicate heart rate data to a gateway device.

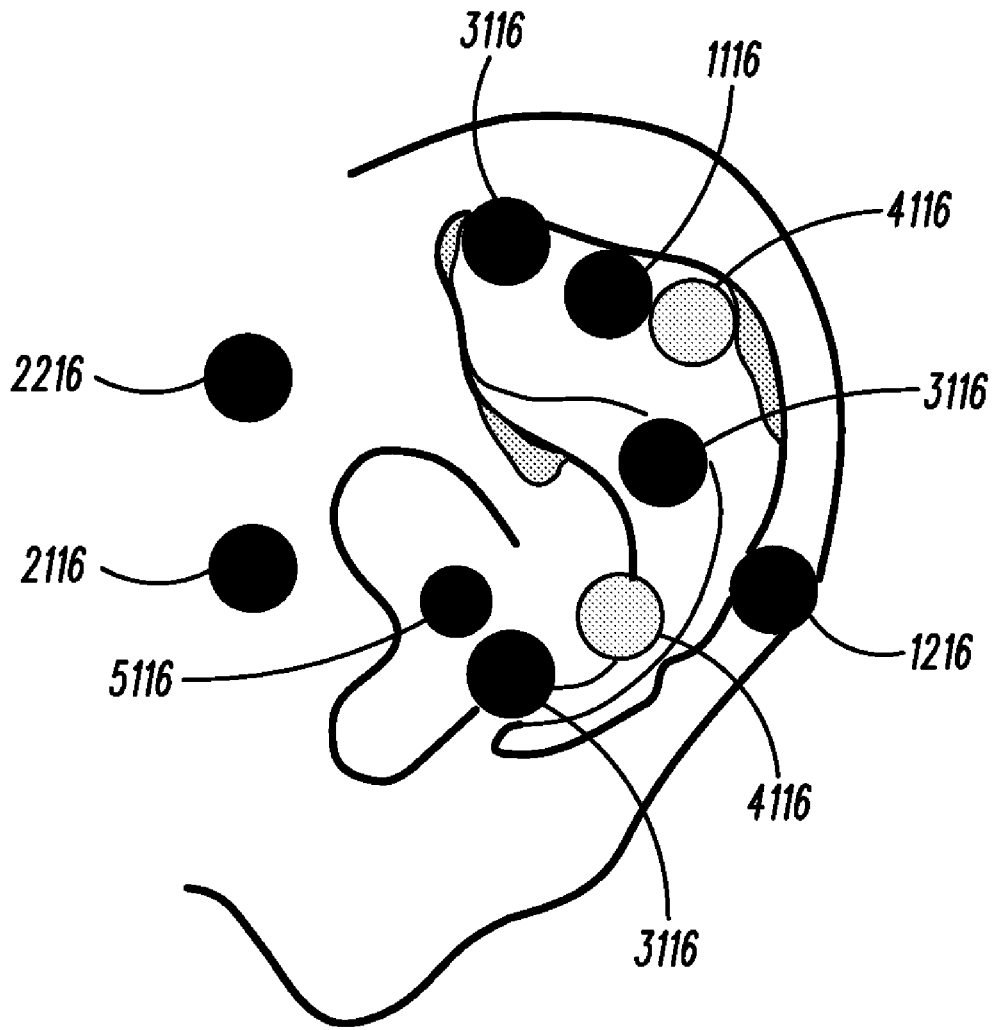
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**FIG. 1**

**FIG. 2**



**FIG. 3**

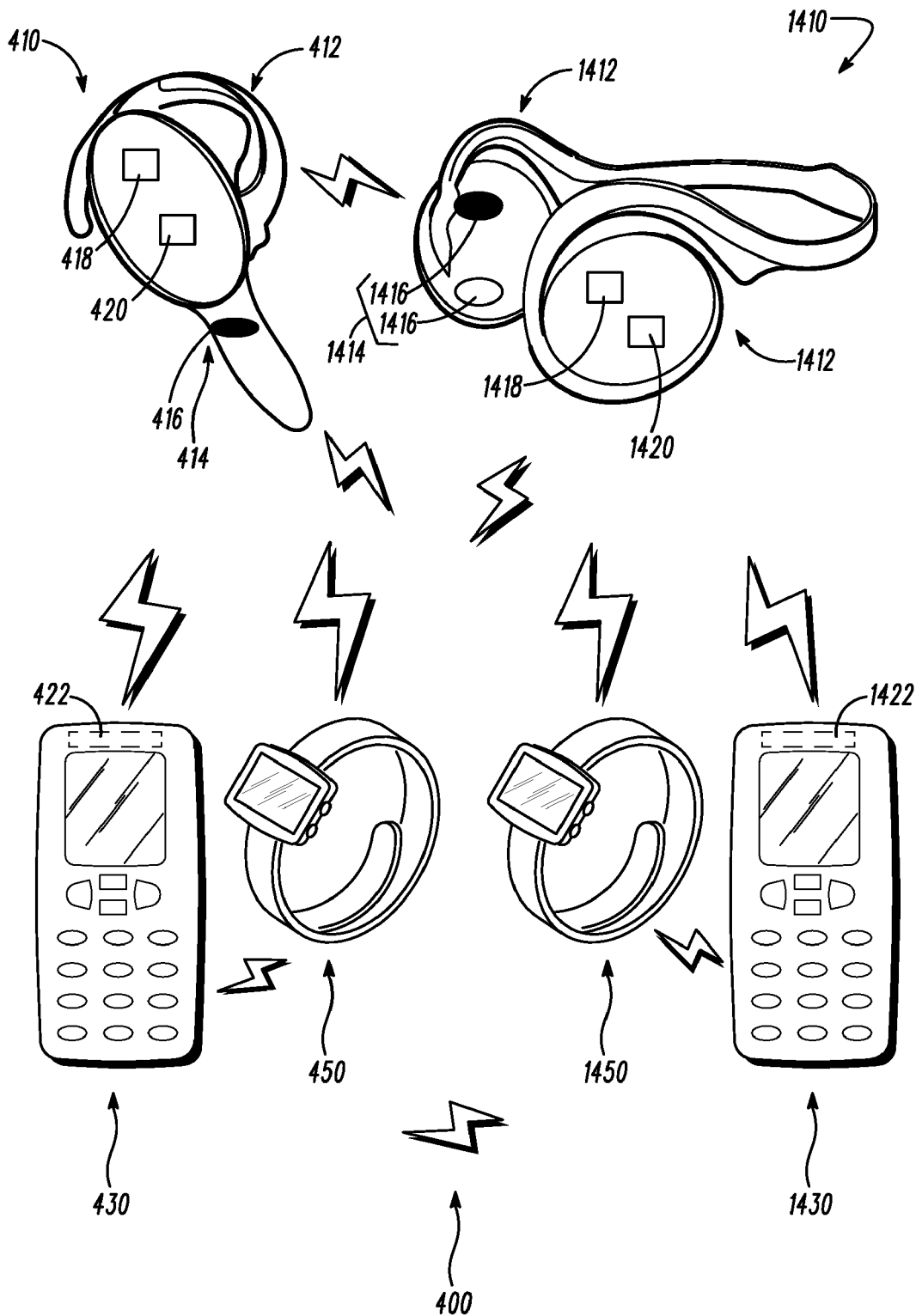


FIG. 4

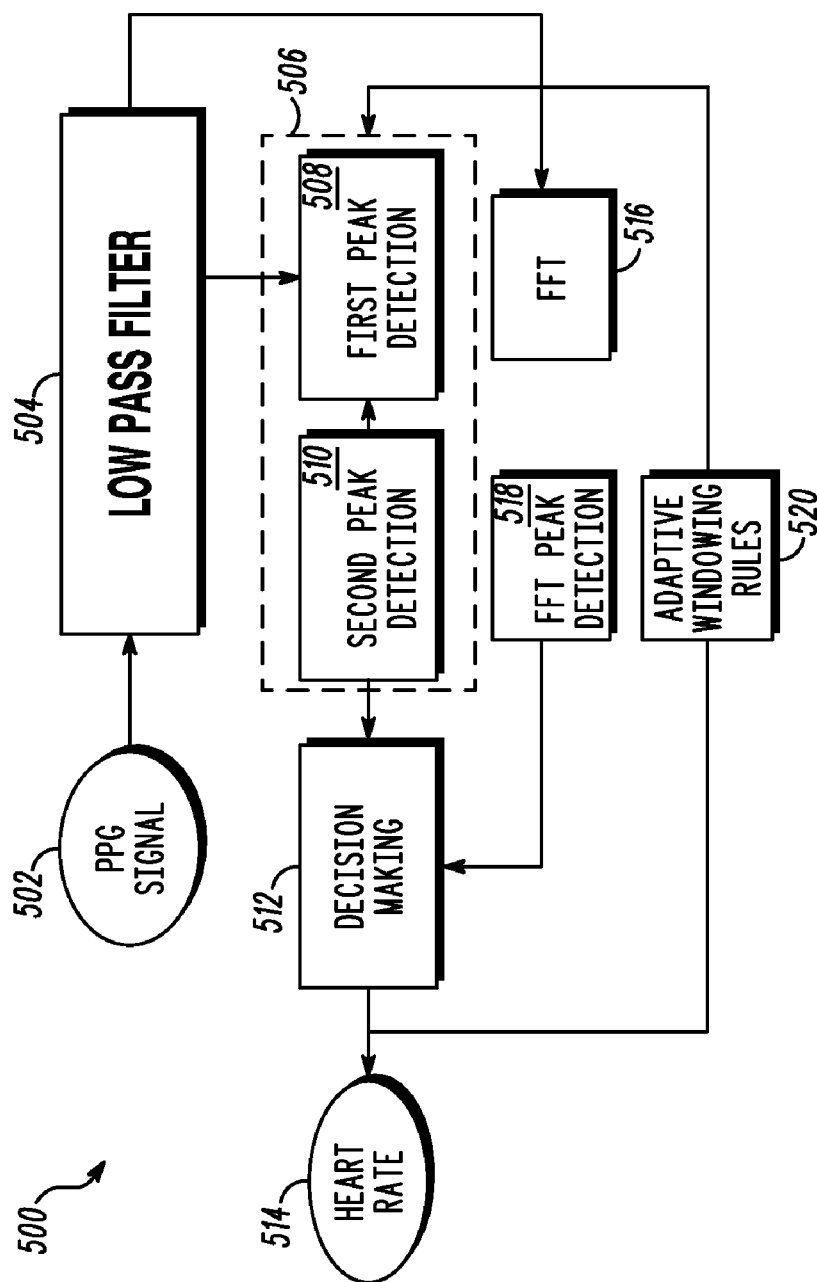


FIG. 5

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