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(54) **VITAL SIGN DETECTION SENSOR AND  
SENSOR CONTROLLING DEVICE**

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(57) **ABSTRACT**

A sensor device **10A** is comprised of a power generating unit **111A** that takes in energy externally (a power carrier radio wave) and generates direct current power from such energy, a vital sign detecting unit **112A** that detects a vital sign of a user while being supplied with the direct current power from the power generating unit **111A**, and a vital sign transmitting unit **116A** that transmits the detected vital sign cordlessly while being supplied with the direct current power from the power generating unit **111A**.

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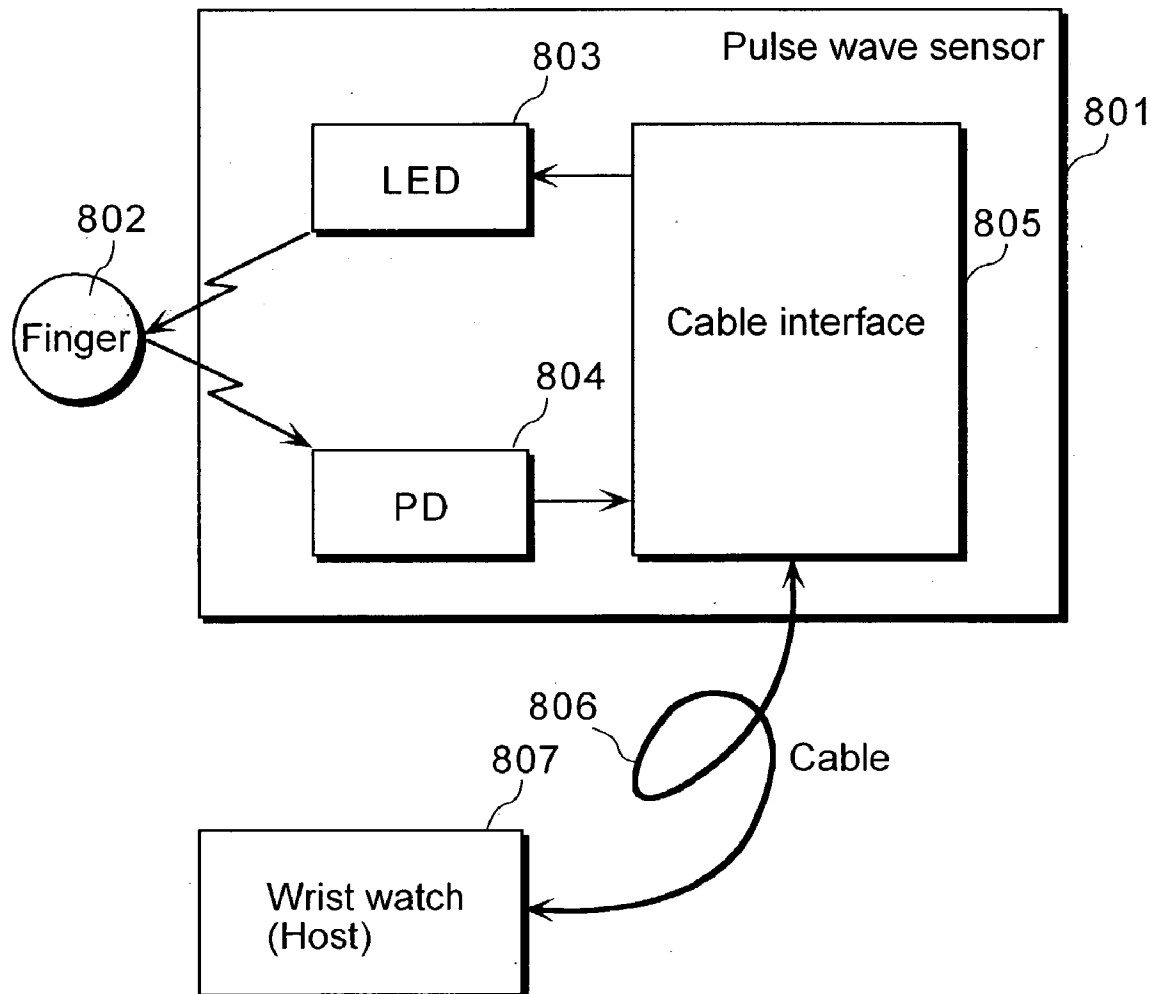


Fig. 1

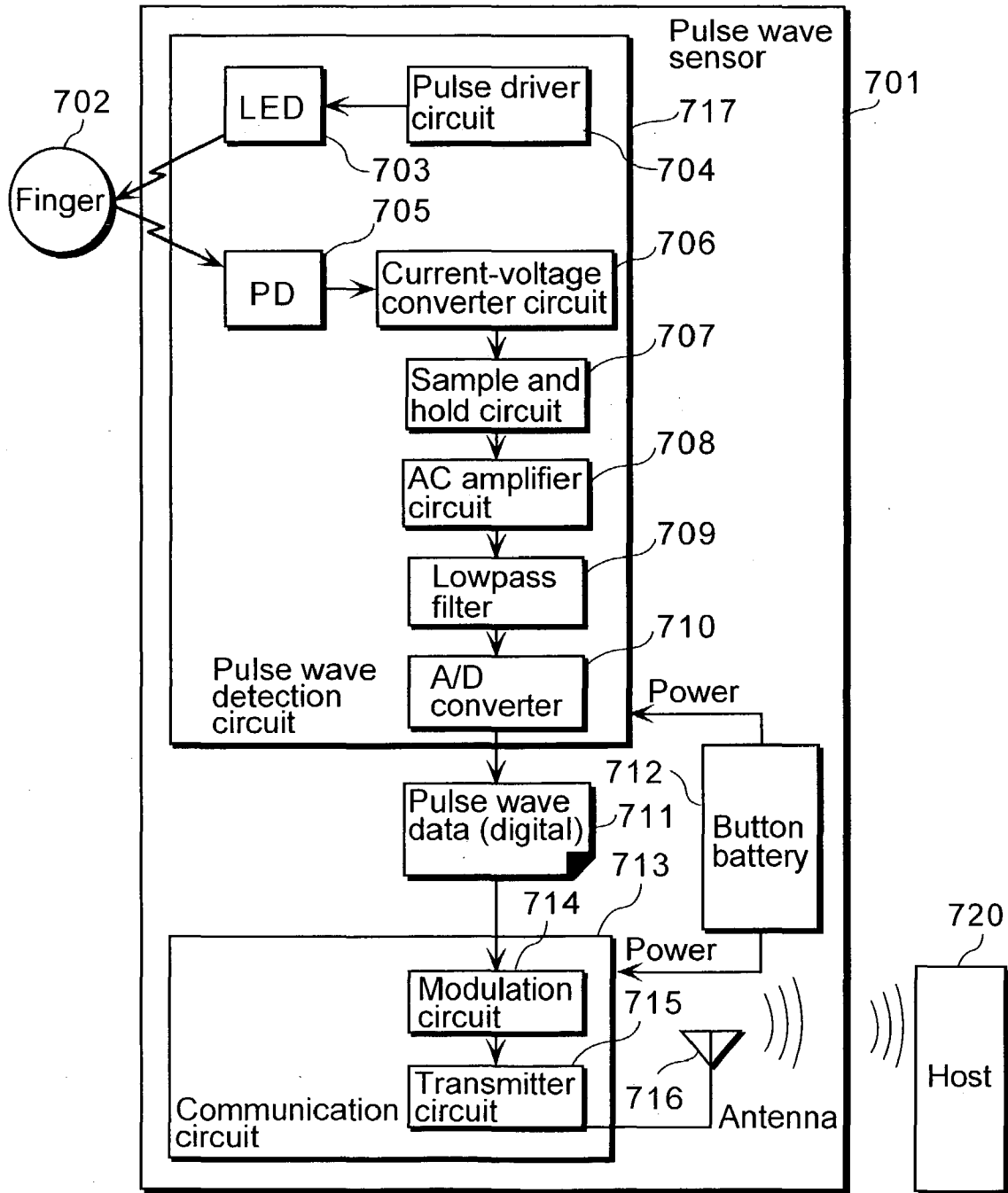
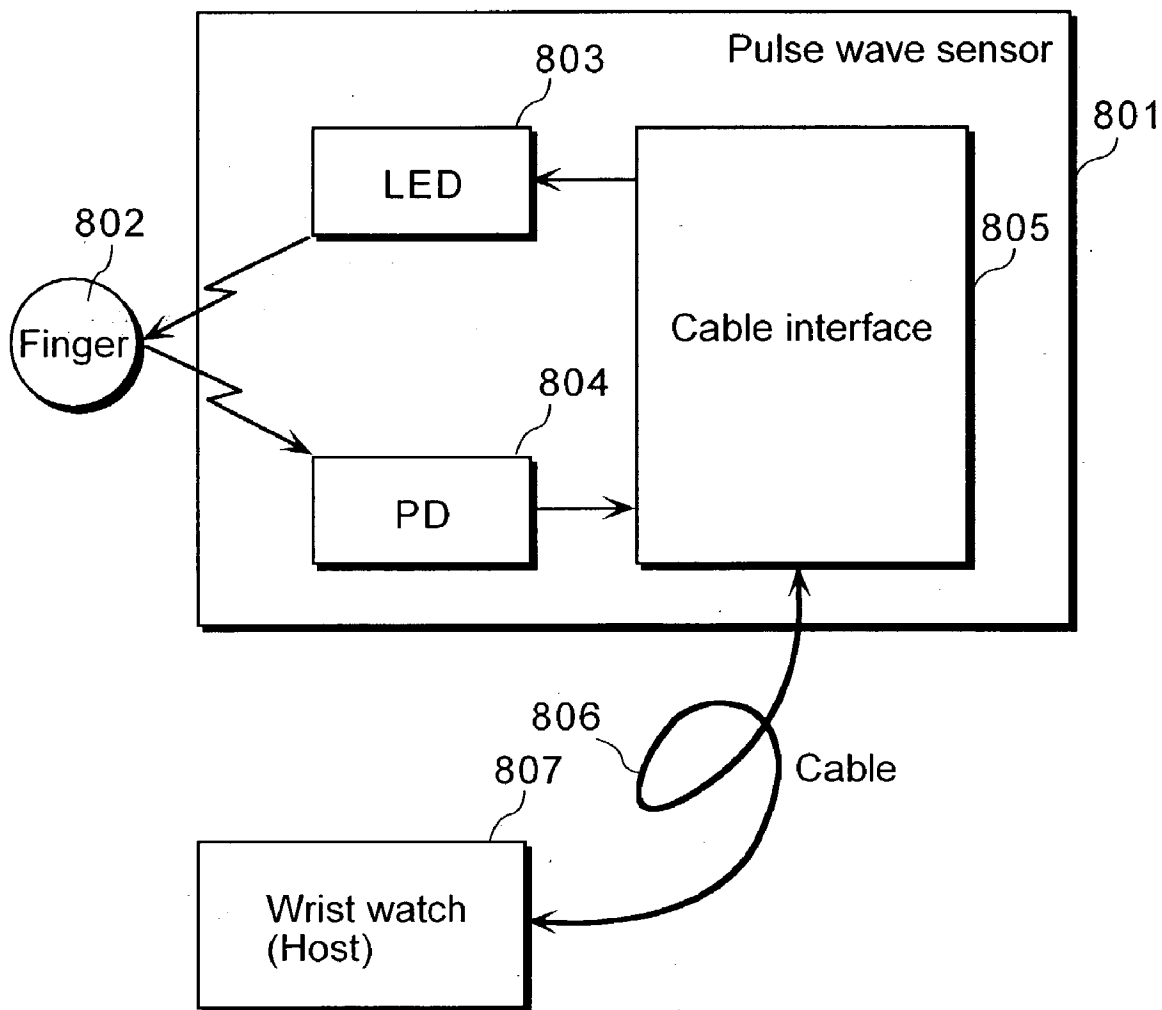


Fig. 2



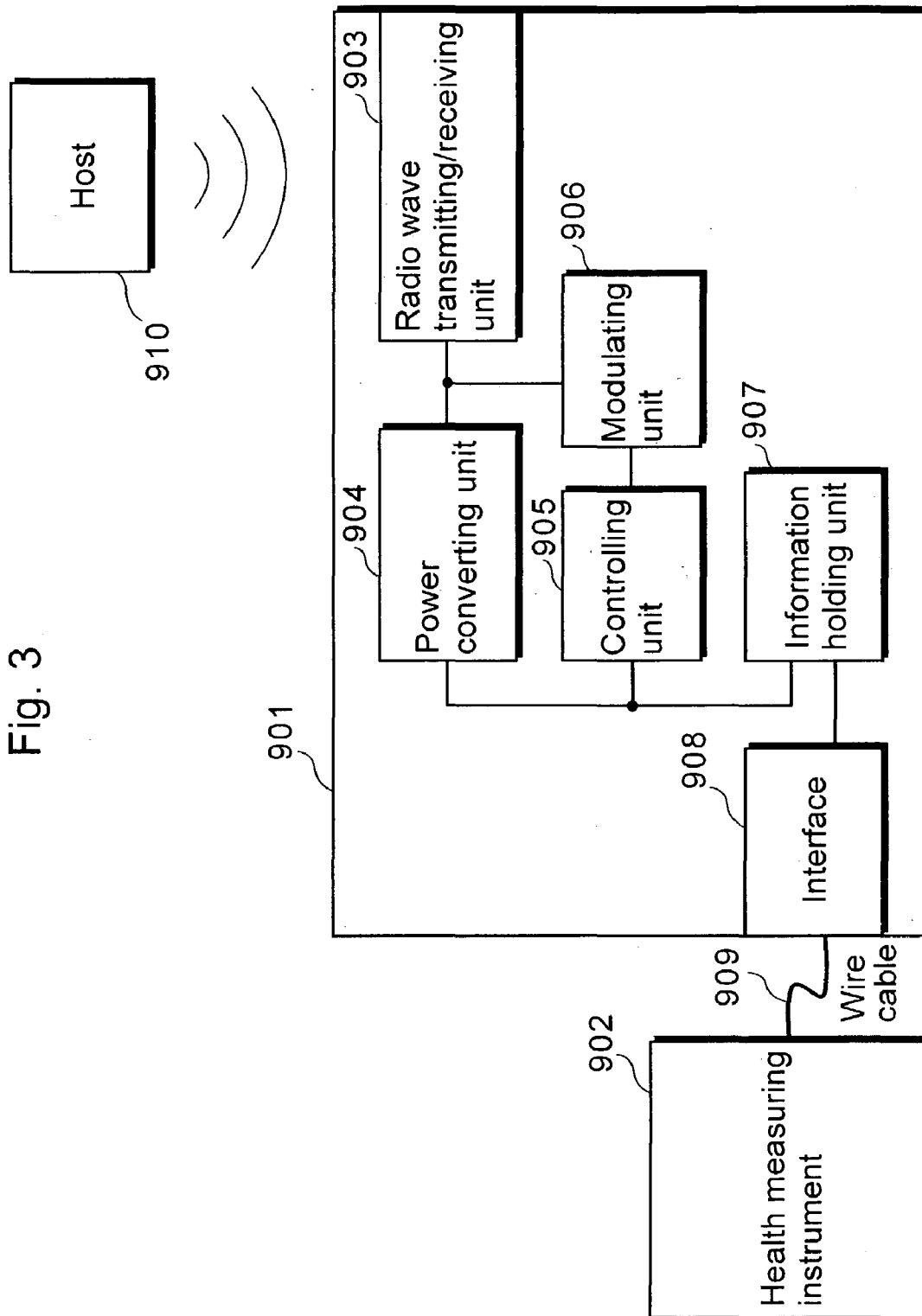


Fig. 4B

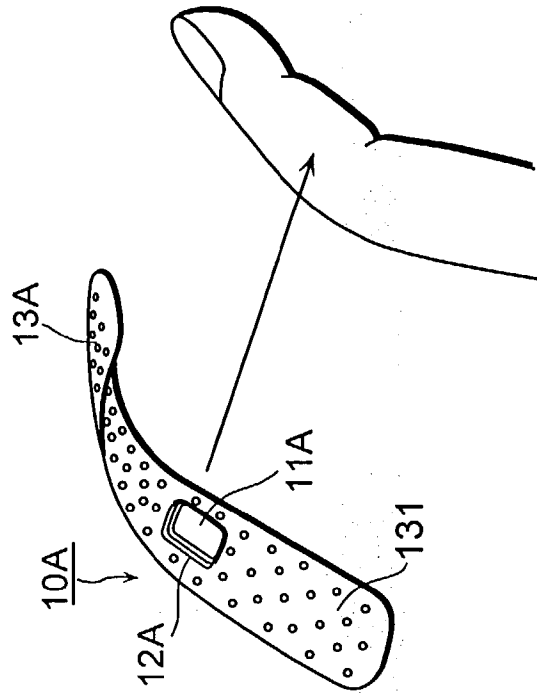
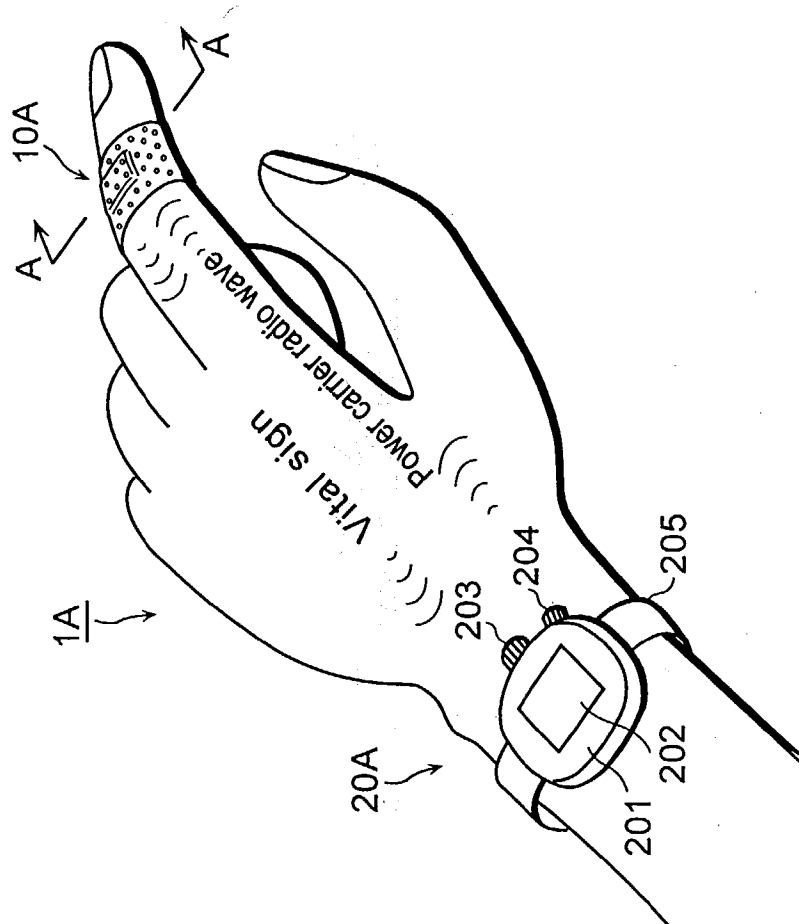


Fig. 4A



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