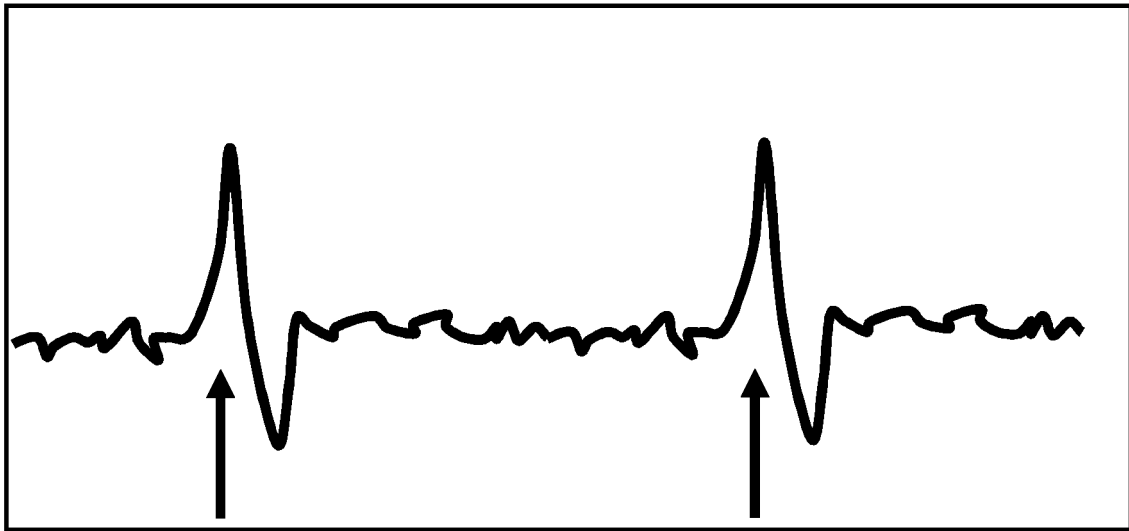
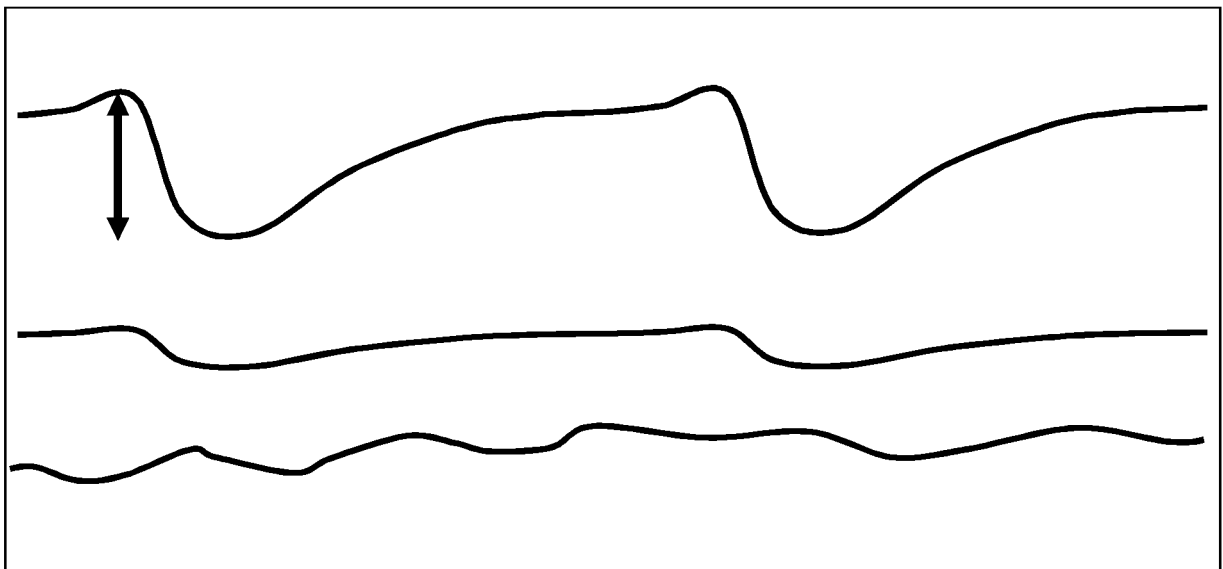
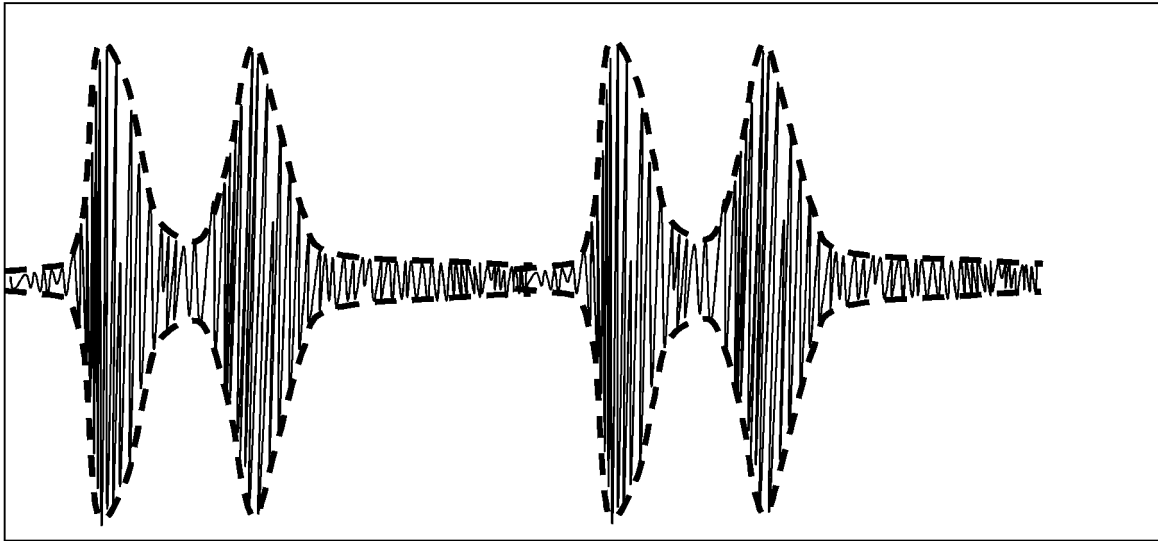




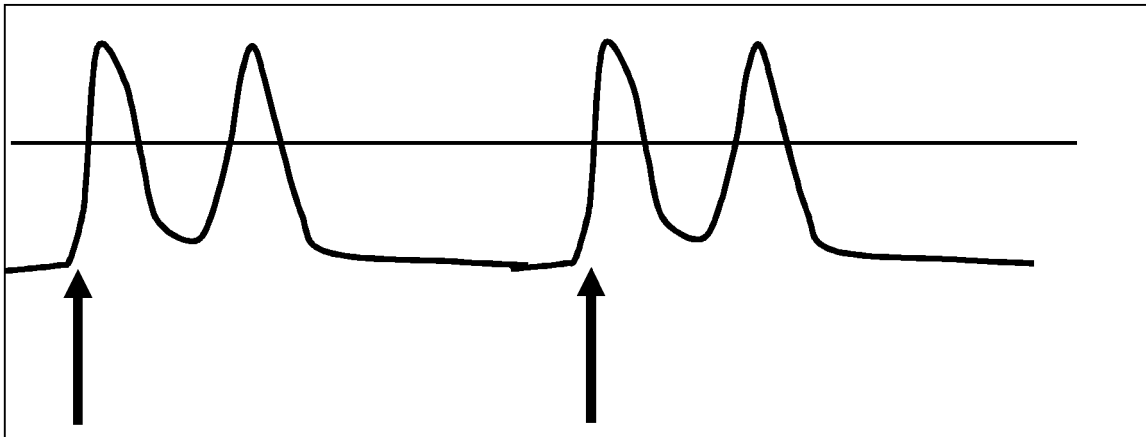
*Figure 1: The amplified and filtered potential difference.*



*Figure 2: Schematic drawings of PPG signals*



*Figure 3: signal collected by the acoustic sensor*



*Figure 4: The acoustic envelope.*

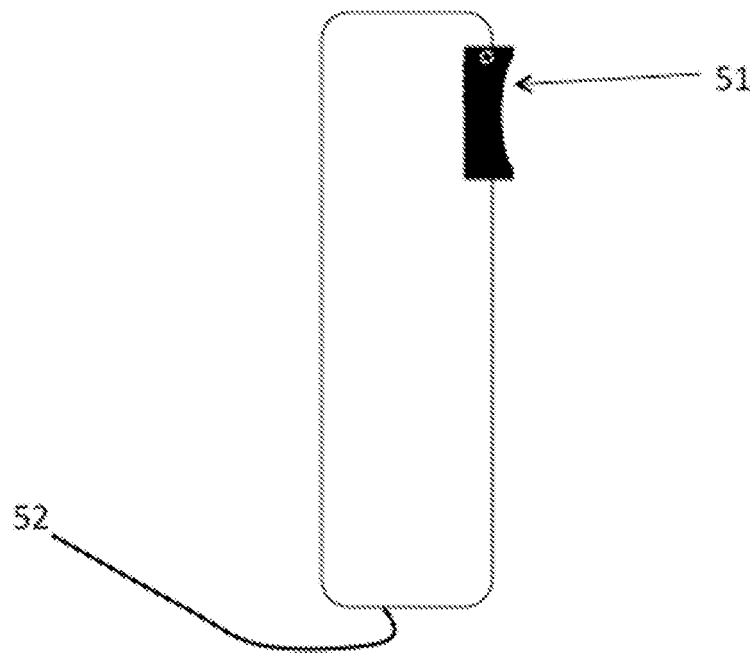


Figure 5

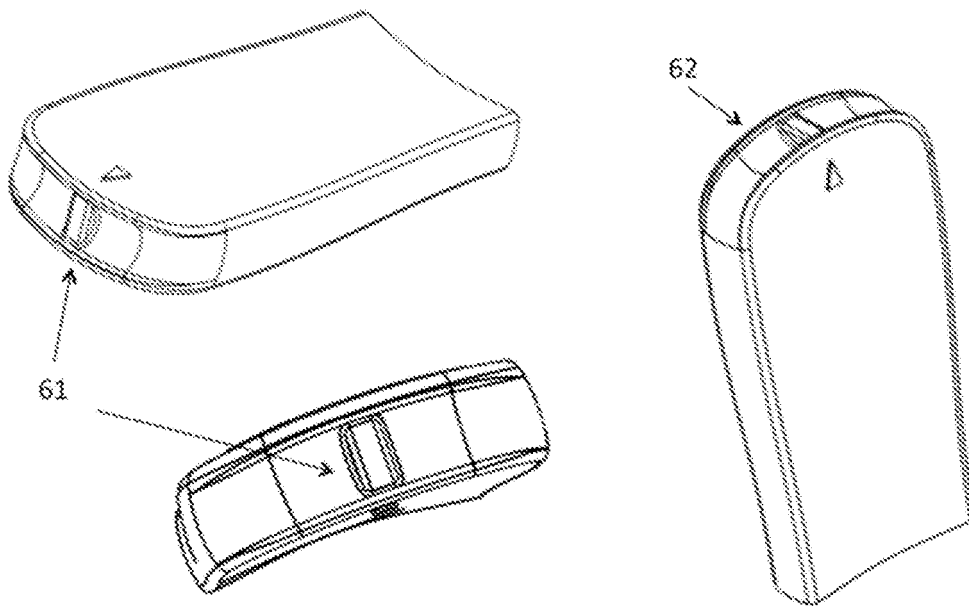


Figure 6

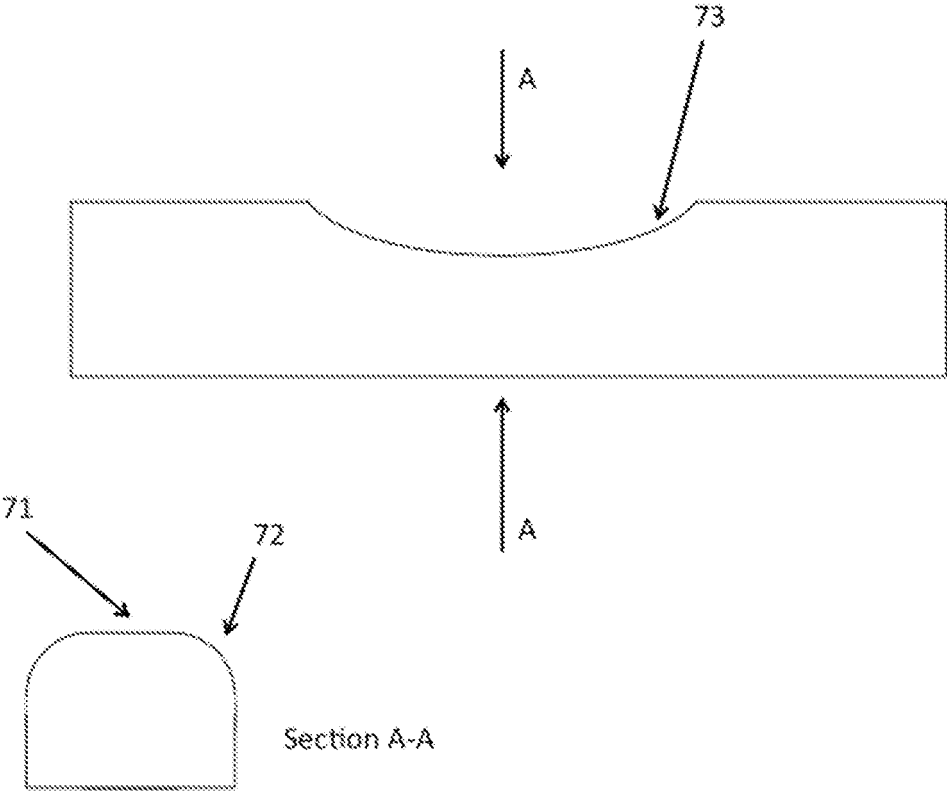


Figure 7

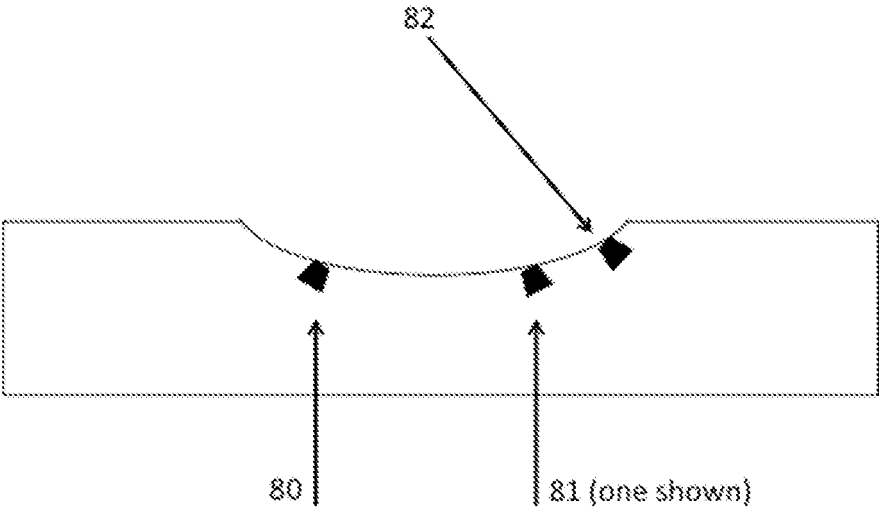


Figure 8

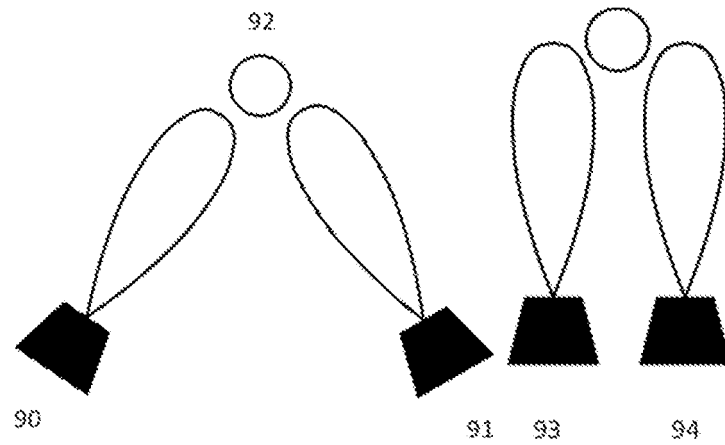


Figure 9a

Figure 9b

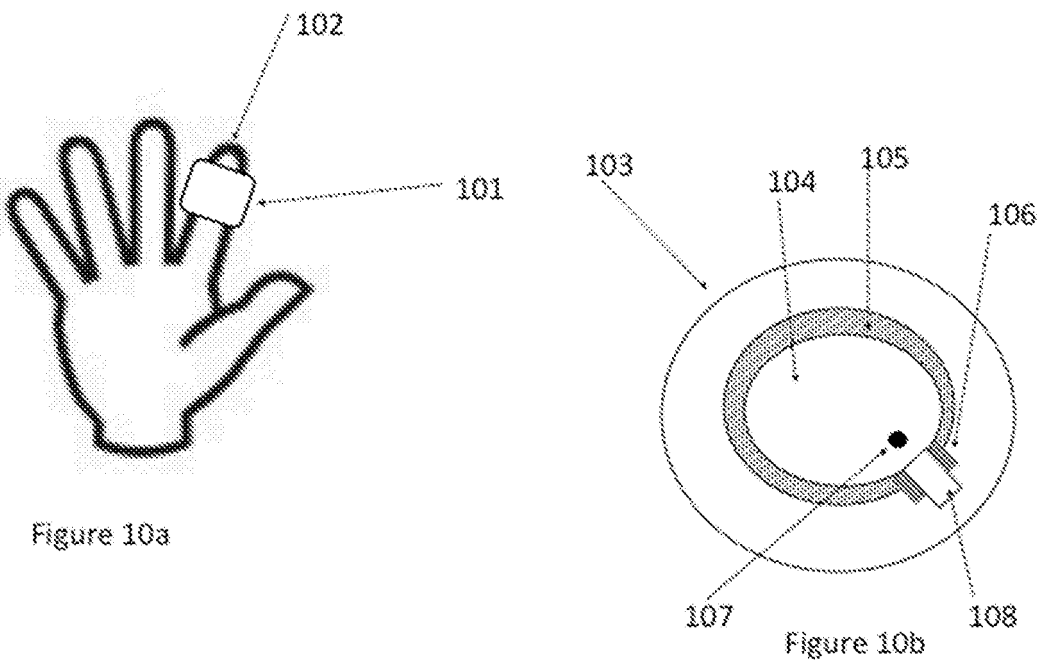


Figure 10a

Figure 10b

Figure 10

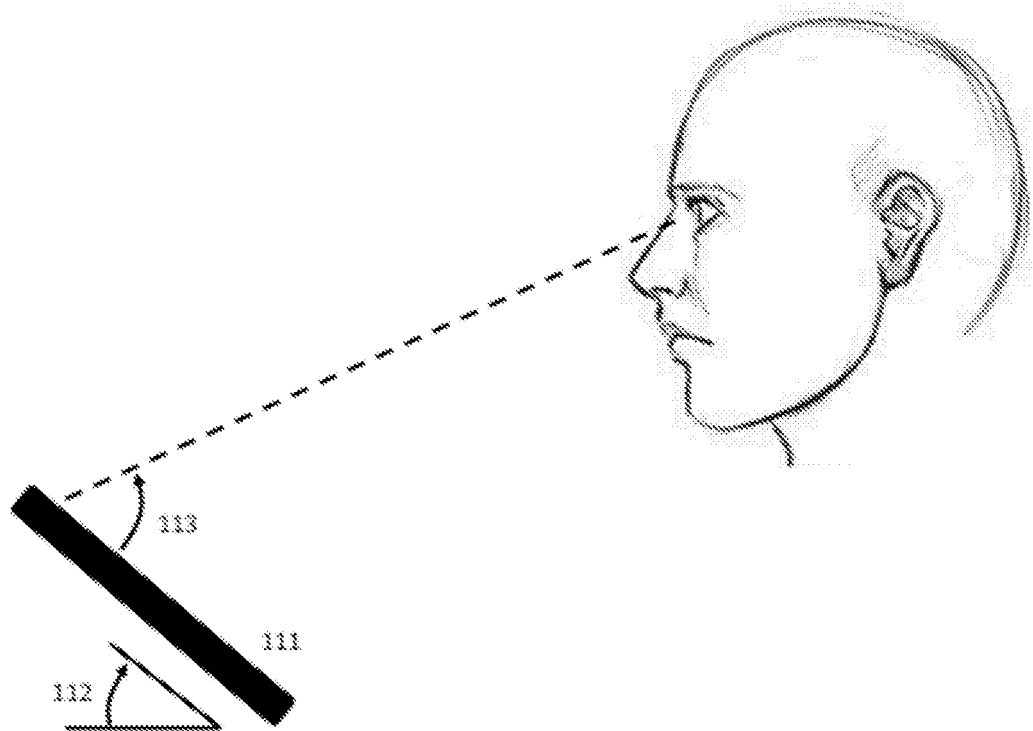


Figure 11

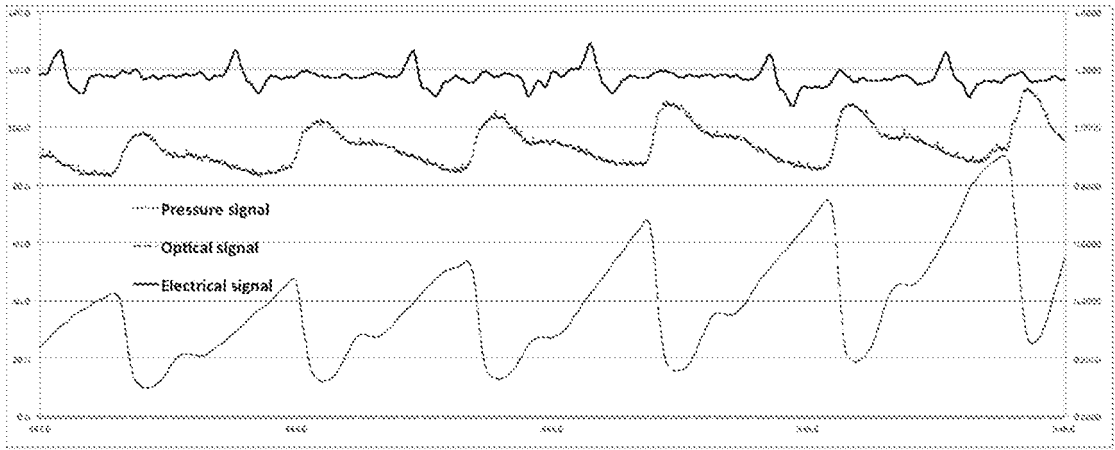


Figure 12

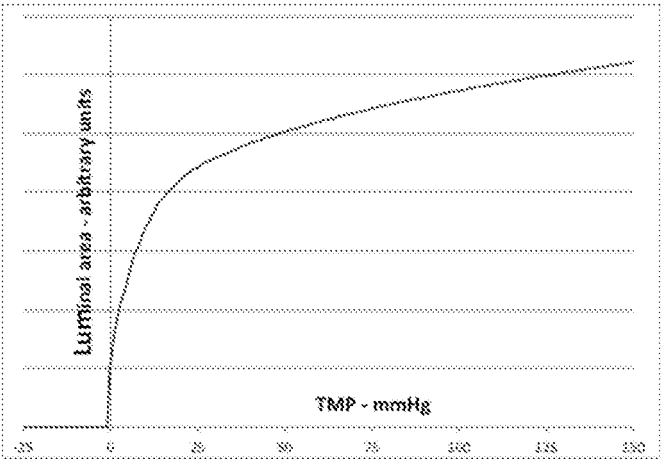


Figure 13

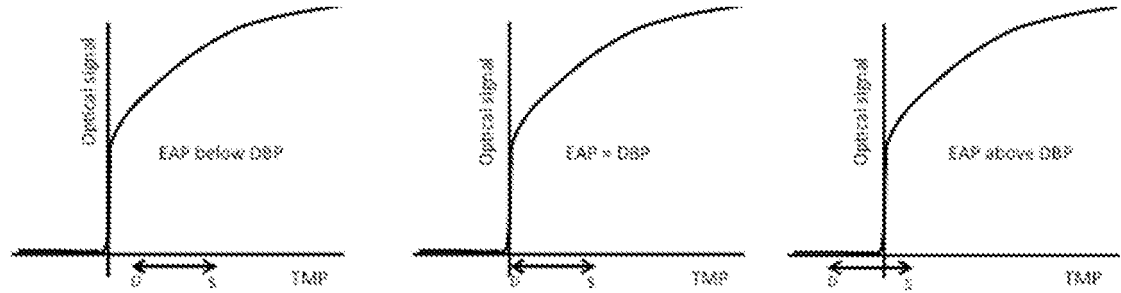


Figure 14

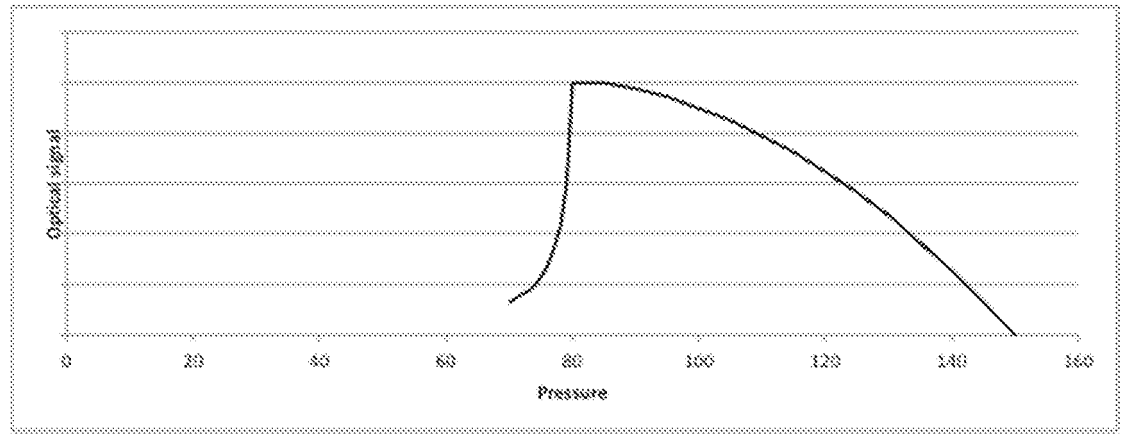


Figure 15

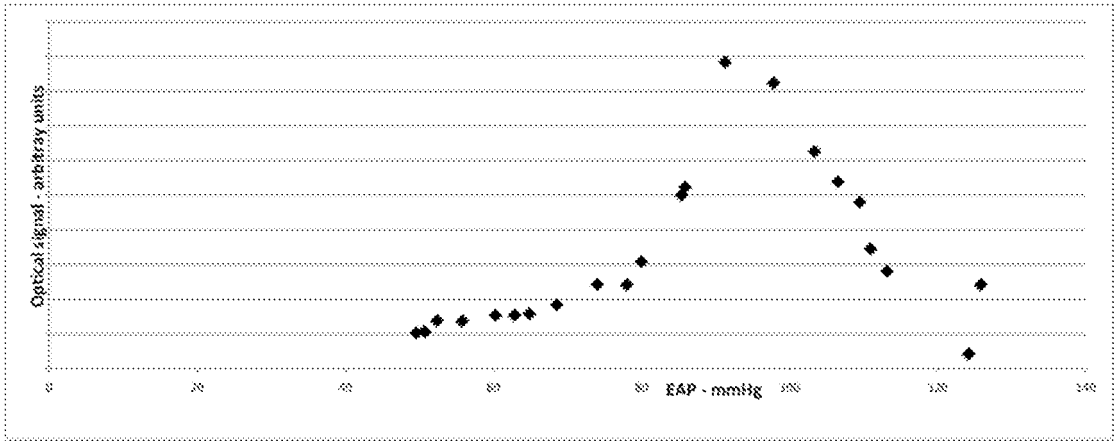


Figure 16

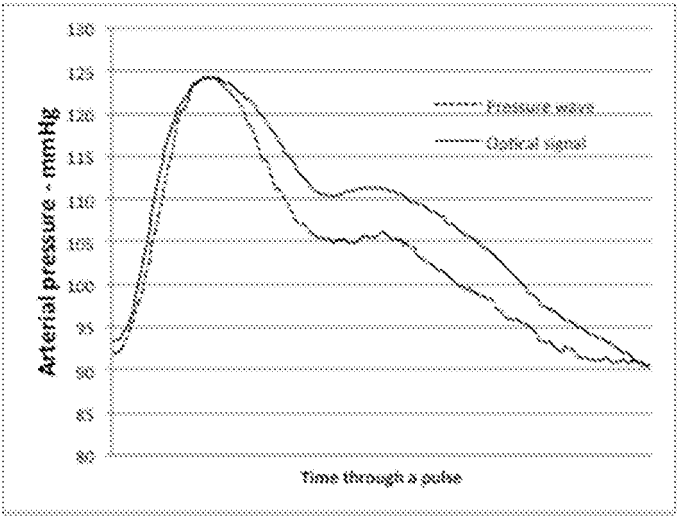


Figure 17

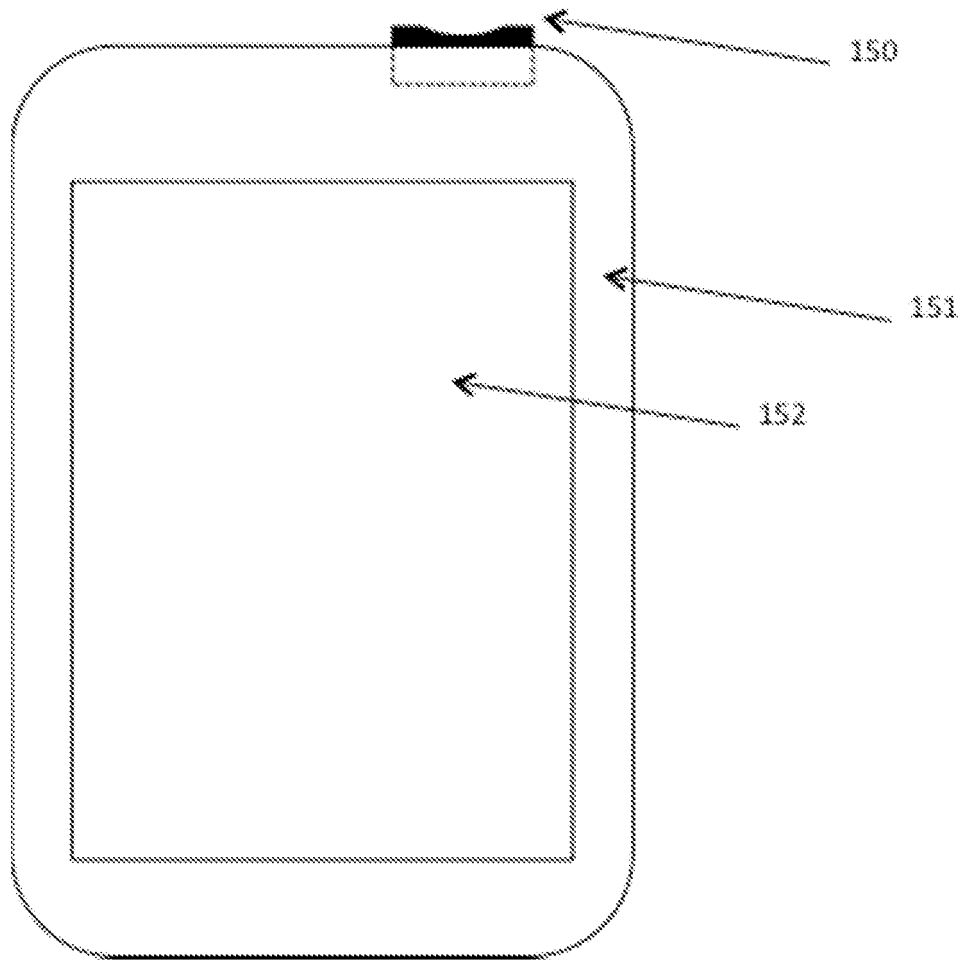


Figure 18

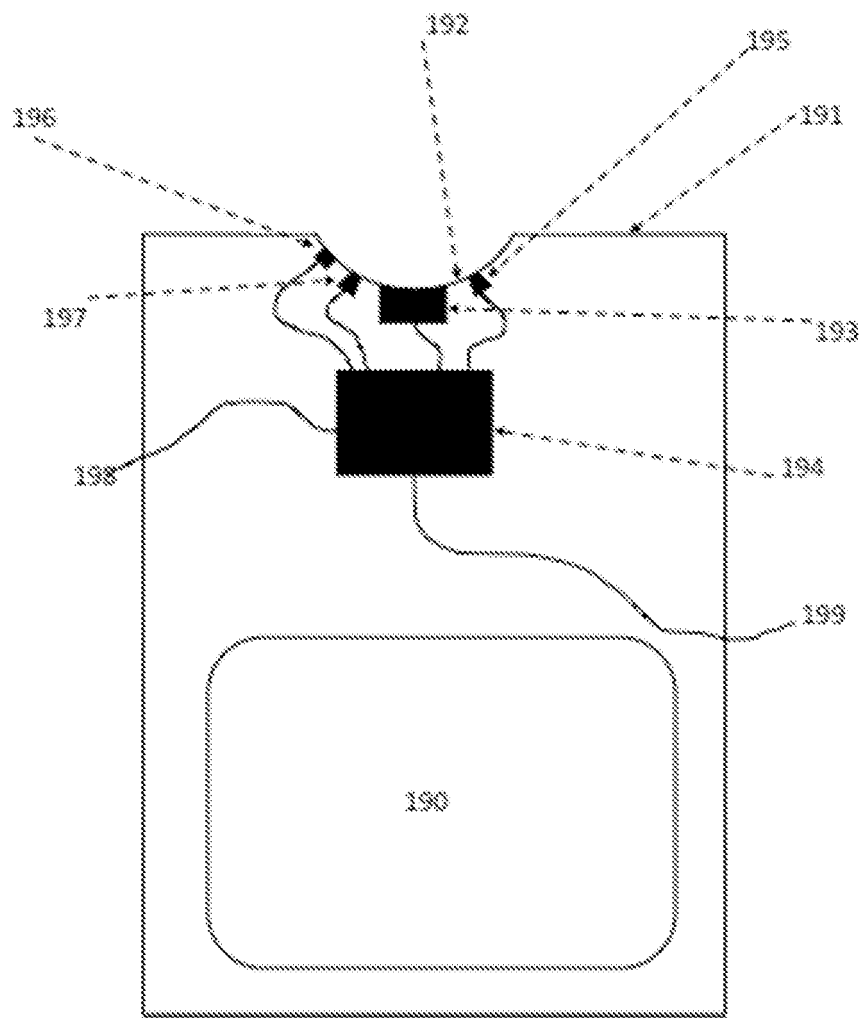


Figure 19

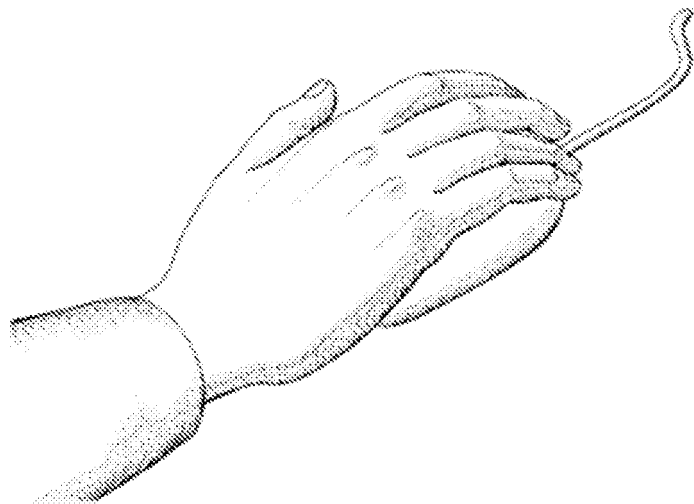


Figure 20

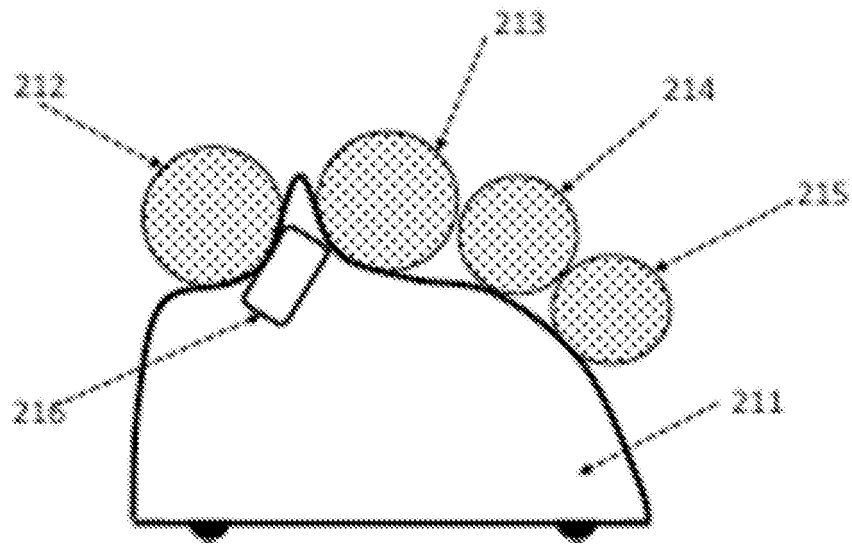


Figure 21

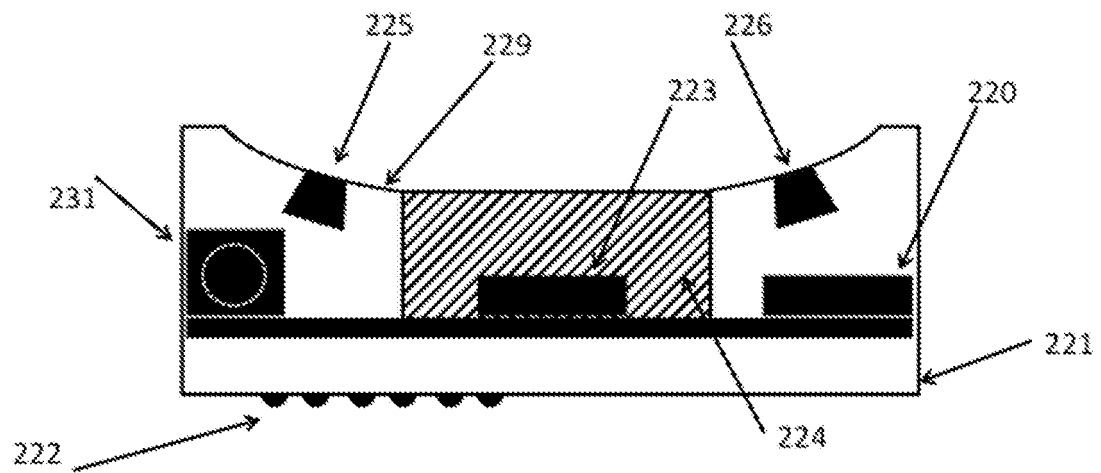


Figure 22a

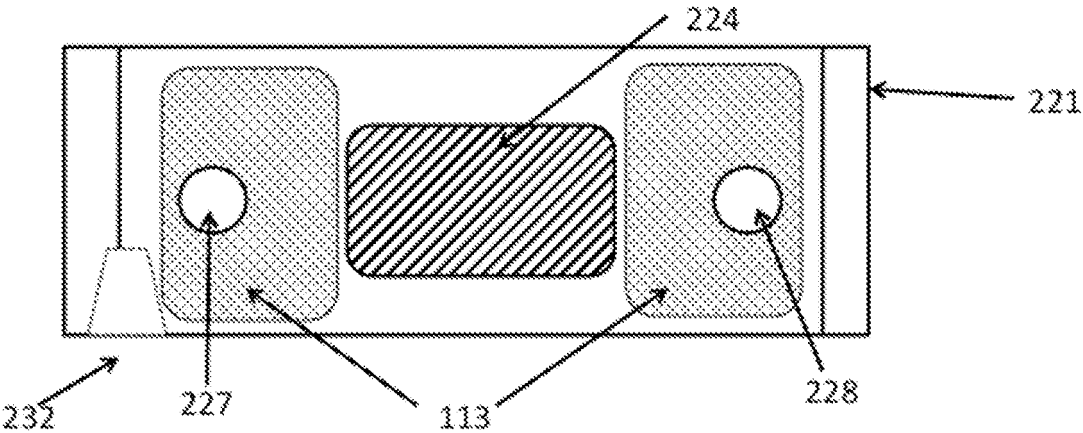


Figure 22b

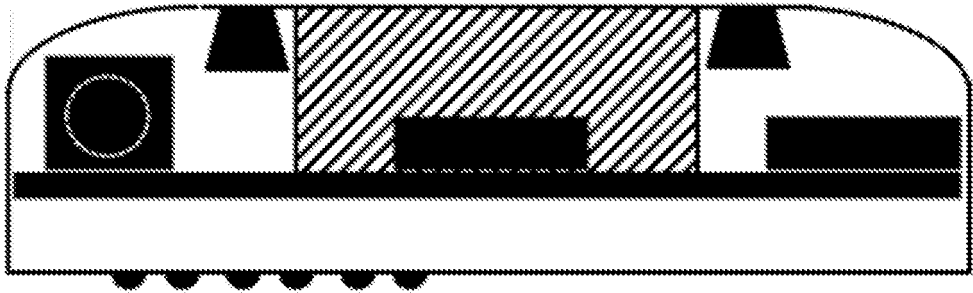


Figure 23

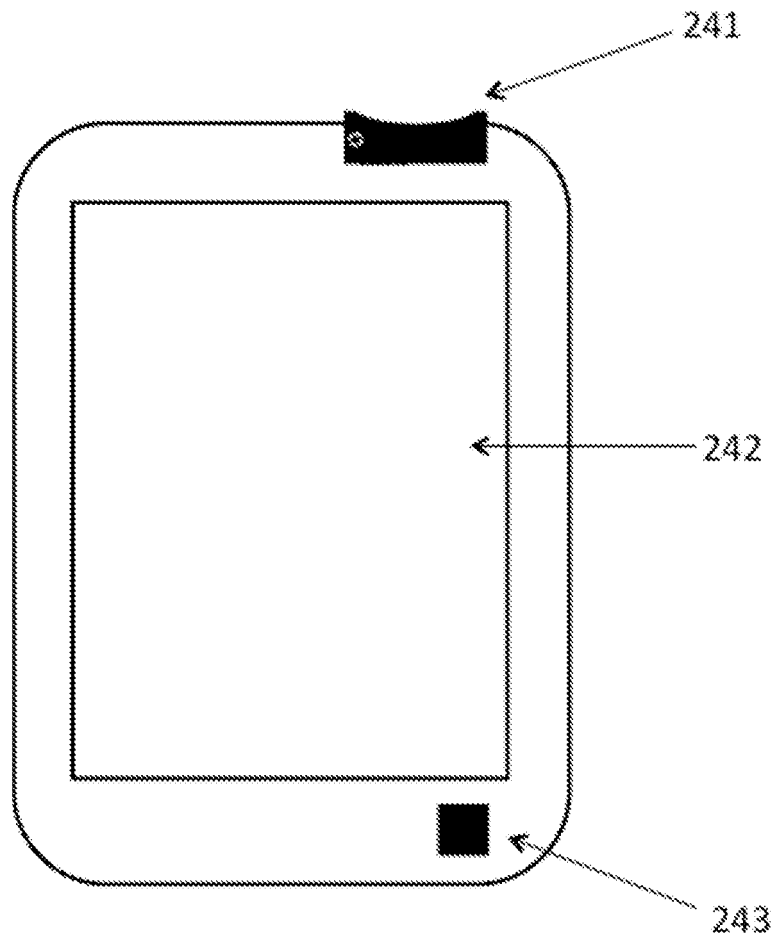


Figure 24