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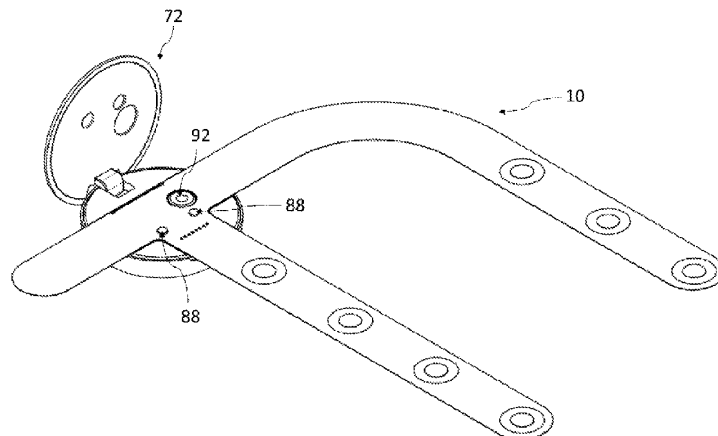
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(54) Title: SENSOR DEVICE, MONITOR AND SENSOR ASSEMBLY



**FIG. 14**

(57) **Abstract:** A wearable sensor assembly for sensing physiological characteristics of a subject includes a wearable sensor (10) including a flexible strip portion. The wearable sensor (10) is provided with one or more electrodes (18) to obtain signals indicative of physiological characteristics of the subject, and one or more connector contact portions (36). The wearable sensor assembly further includes a monitor (72) including a housing which includes first and second housing portions (74, 76) which are relatively movable, the housing being adapted to accommodate or clamp at least a portion of the flexible strip portion between the first and second housing portions in a closed position thereof. One or more monitor contact portions 96 are provided on the first housing portion (74) for electrical connection with the connector contact portions (36) to receive signals therefrom. A seal (100) seals the electrical connection between the monitor contact portions 96 and the connector contact portions (36) in the closed position of the housing. The second housing portion (76) is thinner in profile than the first housing portion (74), and the wearable sensor assembly is configured to be worn by the subject with the second housing portion (76) closer to the subject than the first housing portion (74).

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