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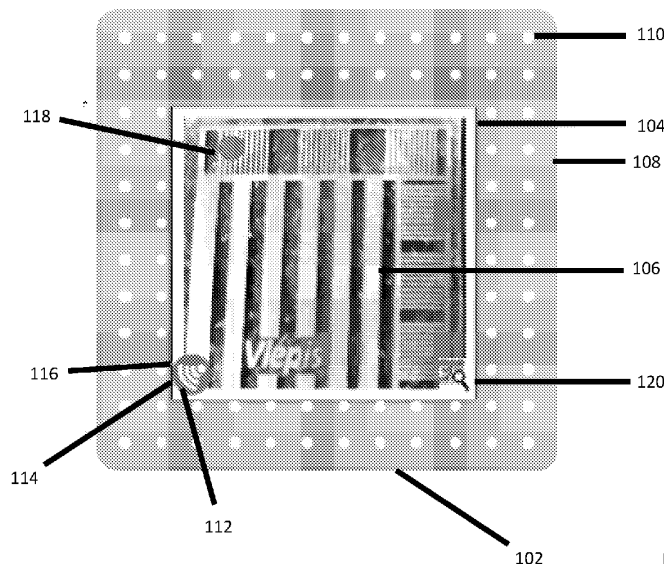


FIGURE 1

(57) Abstract: The present invention provides a wearable device for monitoring a plurality of physiological characteristics of a patient over an extended period. The device includes a biosensor layer for sensing the physiological characteristics and an adhesive layer for maintaining contact with a skin surface of the patient. The present invention also relates to methods and systems employing said device including powering the device remotely and transmitting data using a wireless network. The present invention further provides methods and systems wherein multiple devices are used for monitoring a plurality of physiological characteristics of patients.

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