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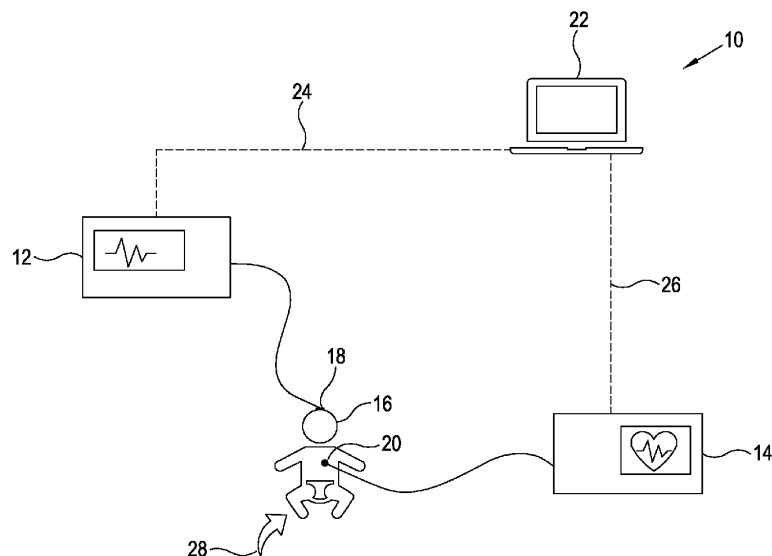


Figure 1

(57) Abstract: The invention relates to a method (30) comprising: acquiring (32), using an EEG monitoring system (12), EEG data from a subject (16), said data being recorded over a first time period, said first time period including an event; acquiring (34), using a heart rate monitoring system (14), heart rate data from the subject (16), said heart rate data being recorded over a second time period, said second time period also including the event; scaling (36) an EEG template to fit event EEG data at a specified latency following the event to derive an EEG scaling factor; determining (38) a heart rate change due to the event using the heart rate data; and combining (40) the EEG scaling factor and the heart rate change to generate a score indicative of a response of the subject to the event.

[Continued on next page]

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