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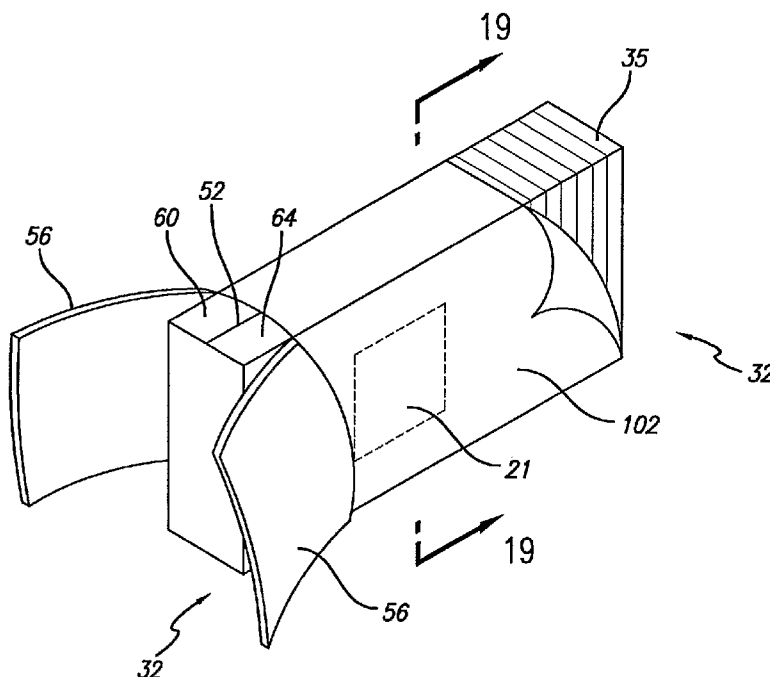
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(54) Title: METHOD AND SYSTEM FOR INTEGRATING A PASSIVE SENSOR ARRAY WITH A MATTRESS FOR PATIENT MONITORING



(S7) Abstract: A system is provided for integrating a passive sensor or sensor array (21) into a patient's mattress (32) to support continuous passive monitoring of a patients' physiological conditions in a hospital setting. The sensor or sensor array (21) may be incorporated into the mattress by fixing it to a coverlet that surrounds the mattress (32), or by embedding it within the mattress core. Alternatively, the sensor or sensor array (21) may be fixed to an underlayer positioned between the mattress core and the coverlet.

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