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(54) **PHYSIOLOGICAL MONITORING APPARATUS AND NETWORKS**

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(71) Applicant: **Valencell, Inc.**, Raleigh, NC (US)

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(52) **U.S. Cl.**
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USPC **600/301**

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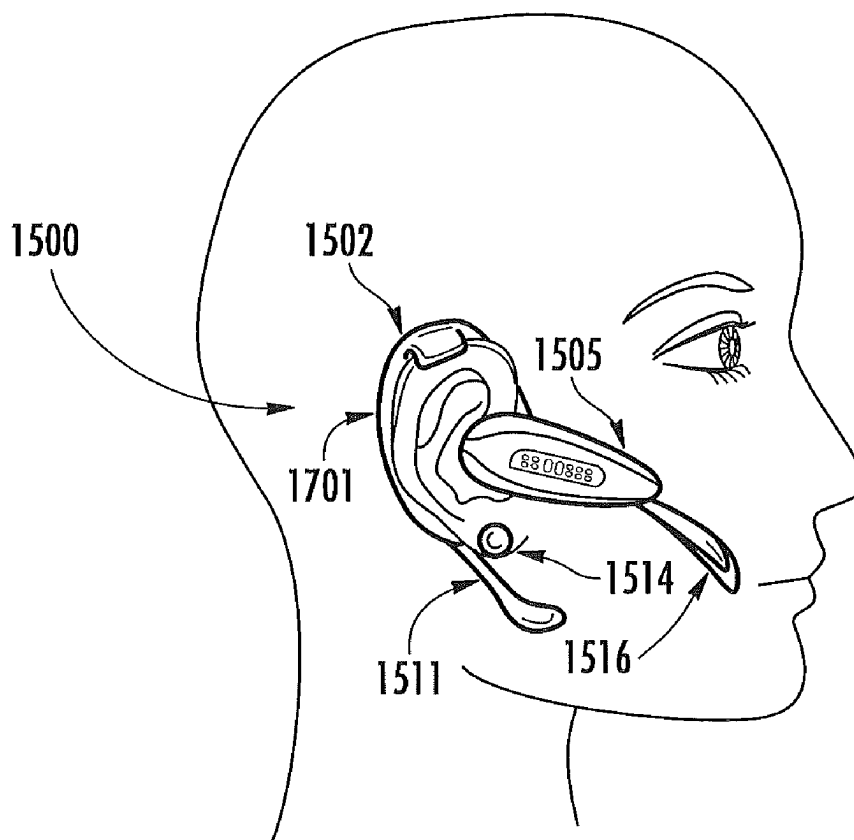
Related U.S. Application Data

(57) **ABSTRACT**

(63) Continuation of application No. 14/063,669, filed on Oct. 25, 2013, which is a continuation of application No. 11/811,844, filed on Jun. 12, 2007, now Pat. No. 8,652,040.

(60) Provisional application No. 60/905,761, filed on Mar. 8, 2007, provisional application No. 60/876,128, filed on Dec. 21, 2006, provisional application No. 60/875,606, filed on Dec. 19, 2006.

Wearable apparatus for monitoring various physiological and environmental factors are provided. Real-time, noninvasive health and environmental monitors include a plurality of compact sensors integrated within small, low-profile devices, such as earpiece modules. Physiological and environmental data is collected and wirelessly transmitted into a wireless network, where the data is stored and/or processed.



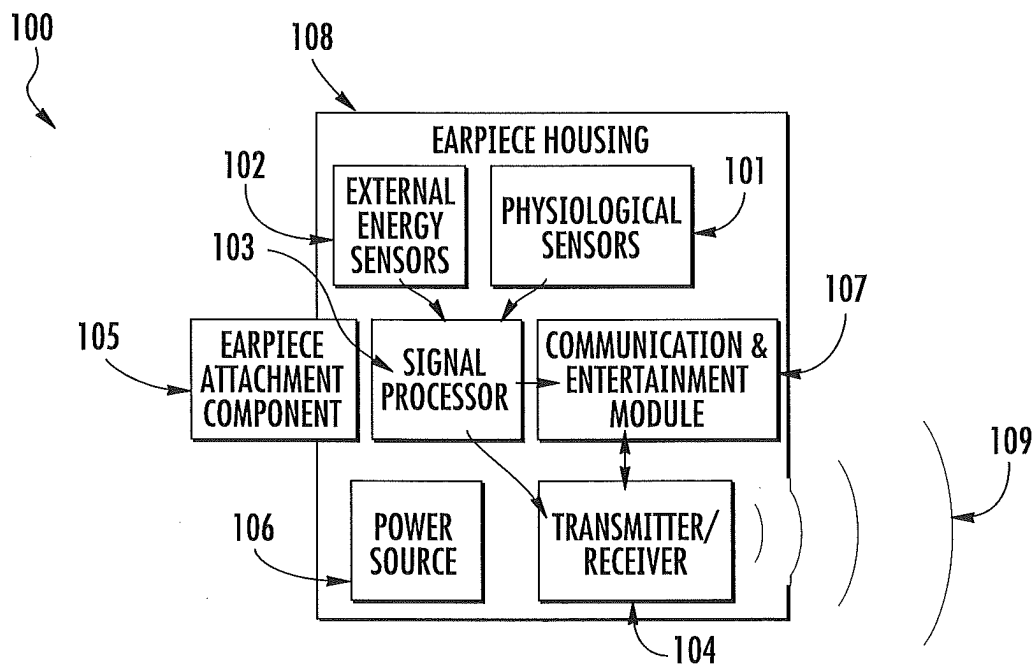


FIG. 1

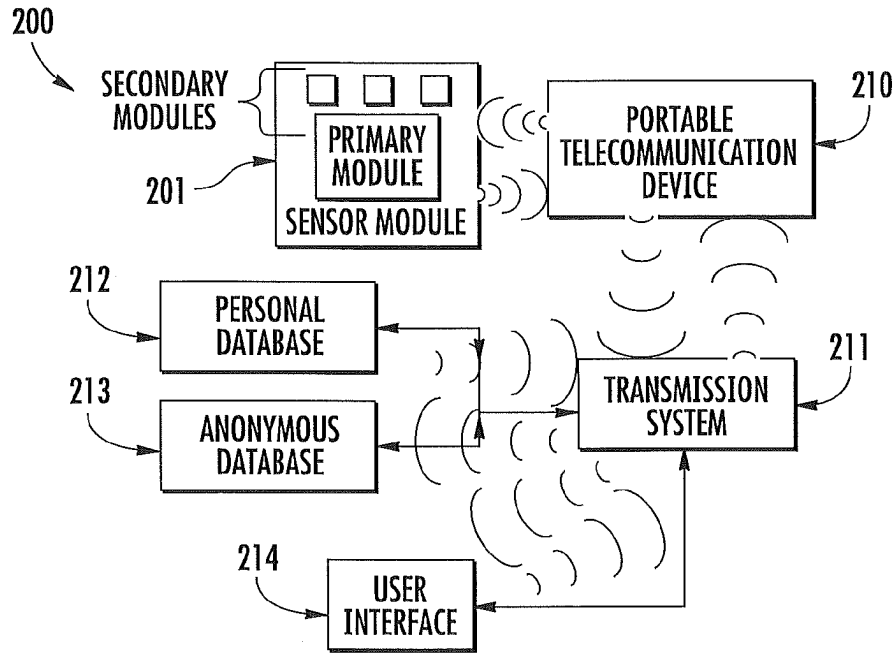


FIG. 2

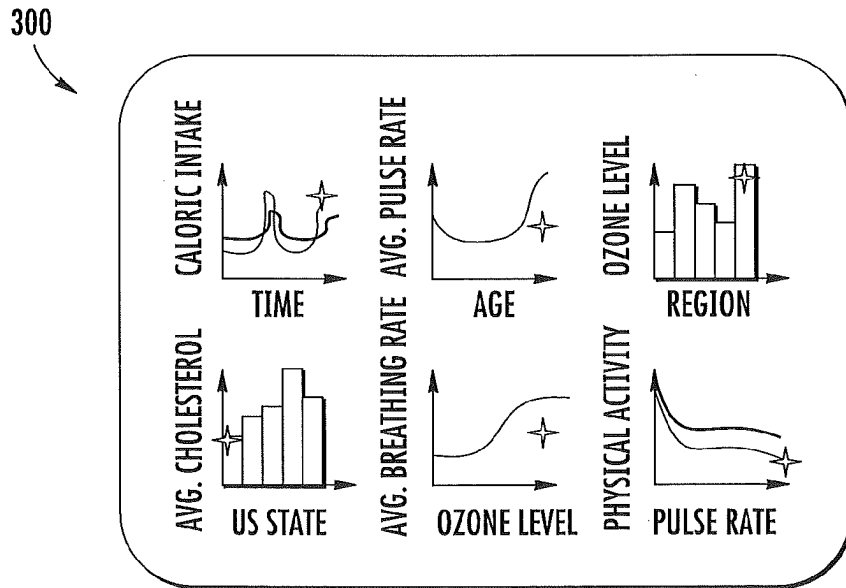


FIG. 3

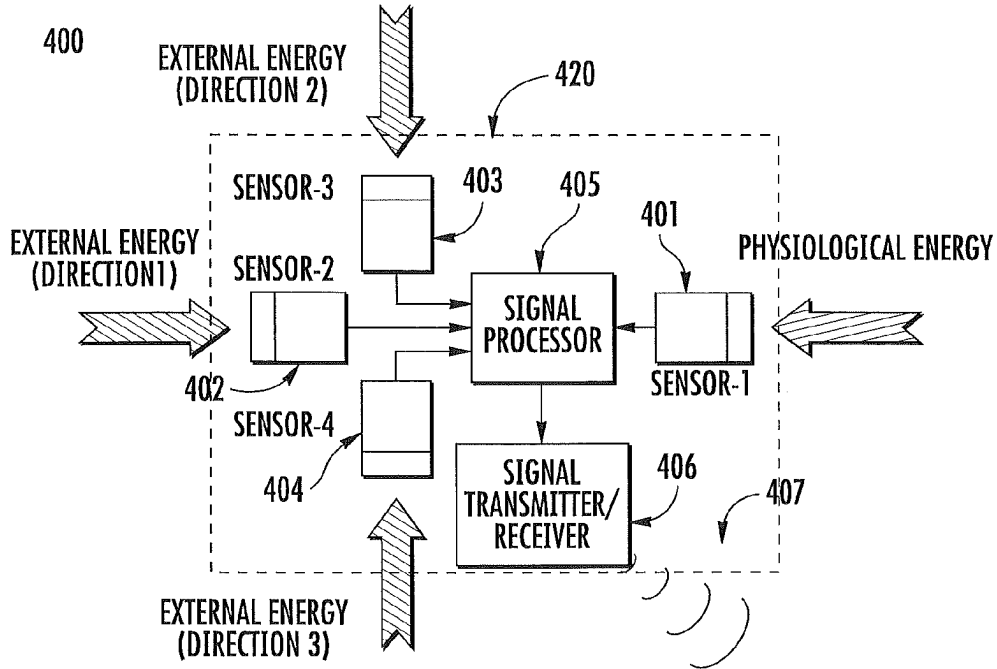


FIG. 4

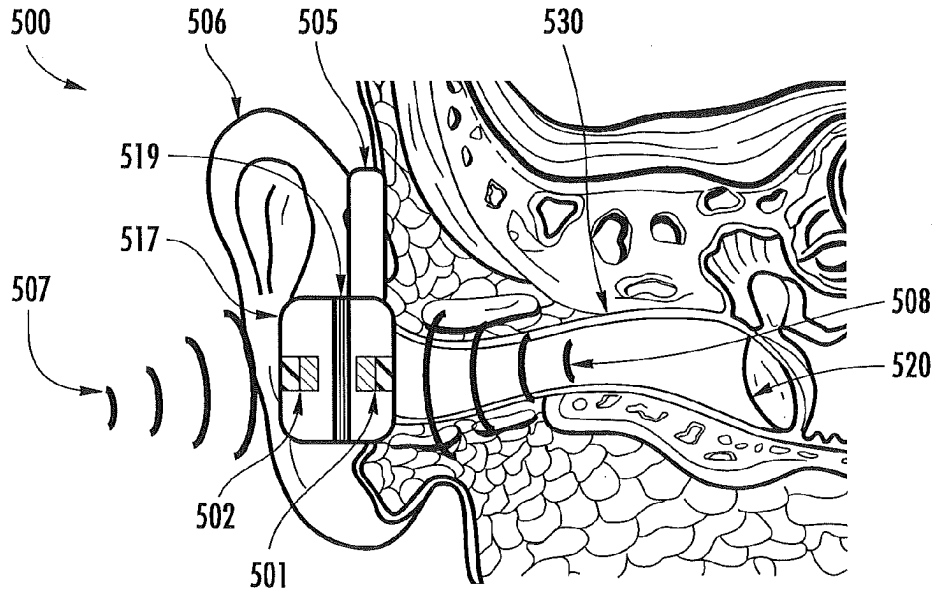


FIG. 5

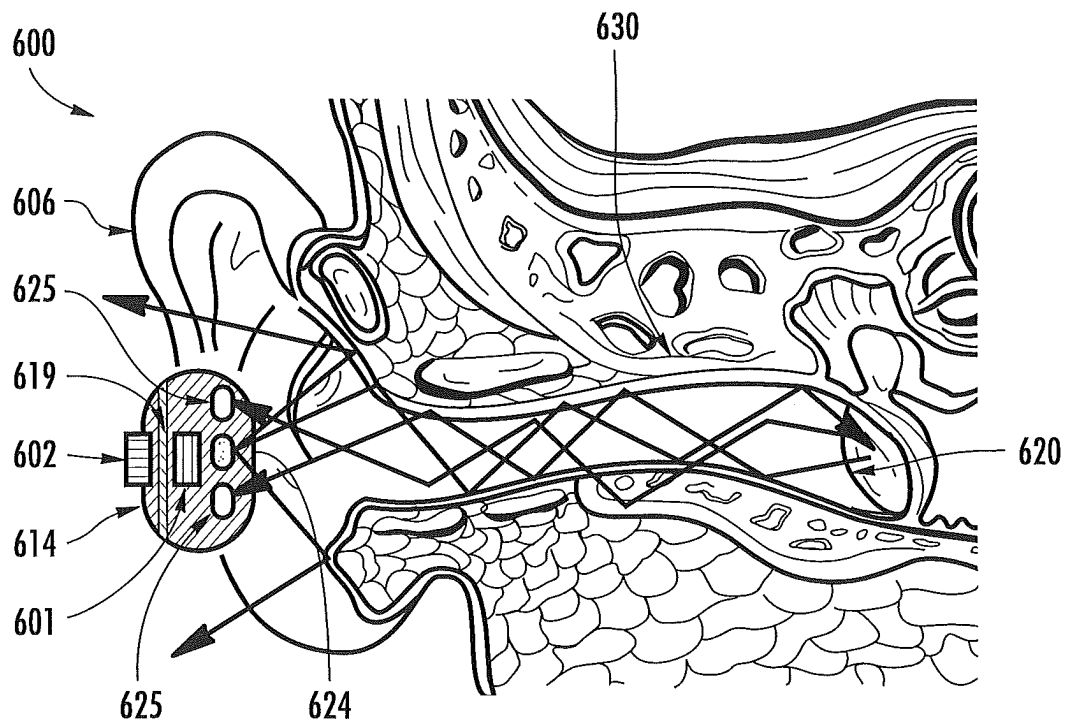


FIG. 6

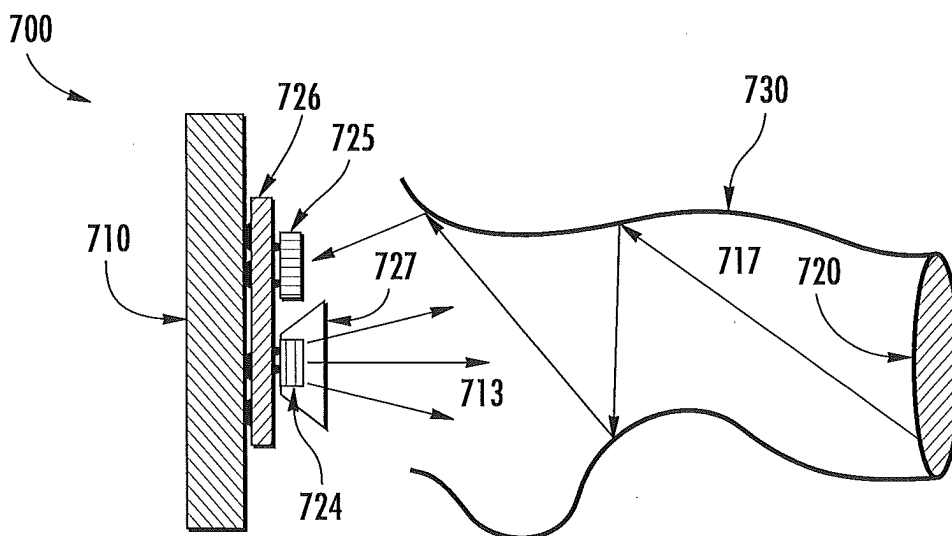


FIG. 7

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