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(54) Title: LATENT BIO-SIGNAL ESTIMATION USING BIO-SIGNAL DETECTORS

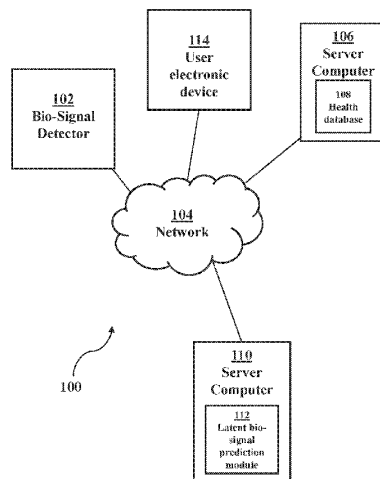


FIG. 1

(57) Abstract: A latent bio-signal prediction can be obtained from at least one bio-signal from a consumer grade health monitoring device is described. A user's bio-signal readings from a health monitoring device can be analyzed by a model trained with the health records of a plurality of individuals. The model can be further personalized to user based on the individual traits of the user. The model can analyze the bio-signal and generate a latent bio-signal prediction. A latent bio-signal prediction can be transmitted to an electronic device for a user or health professional to monitor.

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