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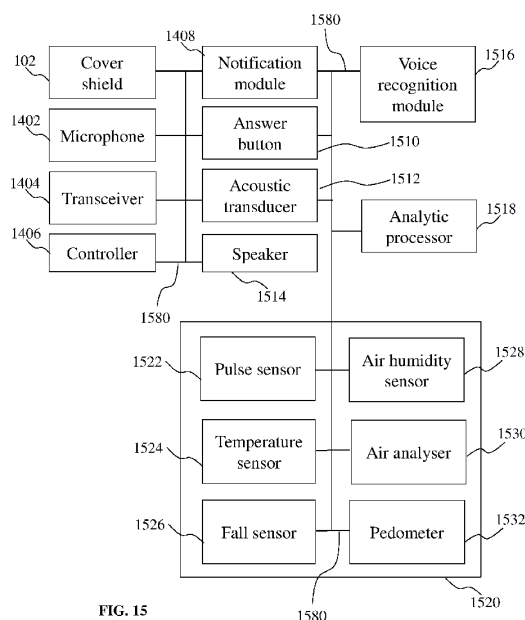


FIG. 15

(57) Abstract: According to various embodiments, a face mask includes a cover shield, a microphone, a transceiver and a controller. The cover shield is shaped to cover nose and mouth of a wearer. The cover shield has an inner surface that faces the wearer when the cover shield covers the nose and the mouth of the wearer. The microphone is coupled to the inner surface of the cover shield. The microphone is configured to receive sound waves and further configured to generate audio data based on the received sound waves. The transceiver is configured to communicate bidirectionally with a mobile device. The controller is configured to control the transceiver to transmit the generated audio data to the mobile device.

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