

RESPIRATORY DISEASE MONITORING WEARABLE APPARATUS

Abstract

A monitoring and alerting system can be used in any condition with a respiration component. Respiratory symptoms as well as supporting physiological functions are tracked against the user's baseline and alerts the user when there is a worsening trend. The system is self-contained in a wearable that detects and logs the signals, analyzes them and generates alerts. The wearable is untethered during use and may be attached to the body in various manners, such as with adhesives, clothing, clips, belts, chains, necklaces, ear pieces, clothing circuits or the like. Information can further be transmitted both wirelessly and via wire to devices, cloud storage, or the like.

FIG. 2