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(54) Title: AIR BORNE PATHOGENS DETECTION DEVICE

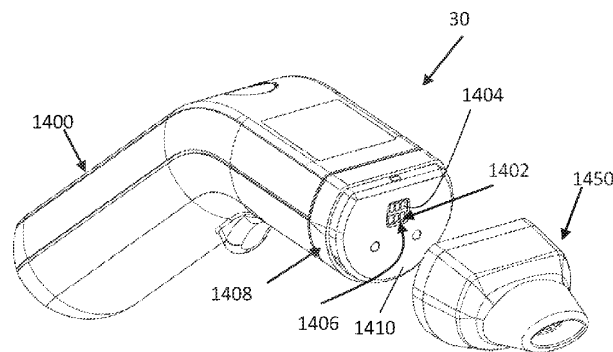


Figure 14-2

(57) Abstract: An air-borne pathogen detection device comprises: a testing chamber in which a sensor arrangement is located, a conduit linking an air inlet and the testing chamber so an incoming air is directed toward the sensor arrangement, a return conduit to direct outgoing air toward an air outlet. An optical or electrical quantity across the sensor arrangement varies in dependence of a quantity of airborne pathogens captured in the sensor arrangement. The device comprises or is adapted for connection with a processing means to estimate a quantity of pathogen in the incoming air.



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