

Intelligent Respiratory Mask with Sensors and Electronic Air Filtering Method

Abstract

Disclosed herein is an intelligent respiratory mask embedded with miniature sensors and electronically controlled air filtering method mainly characterized by high safety nanometer microbial and airborne particles filtering, low breathability resistance and optimizing comfort on prolonged wearing, by utilizing: a plurality of sensors, proximity wireless control, translucent material and nanometer air filtering technologies. The mask is incorporated with sensors and electronic wireless communication system enabling interactions with; embedded sensors, air filtering device interconnected with a miniature air tube to the mask, and voice communication to wireless speaker in proximity to form an unitary intelligent mask system.

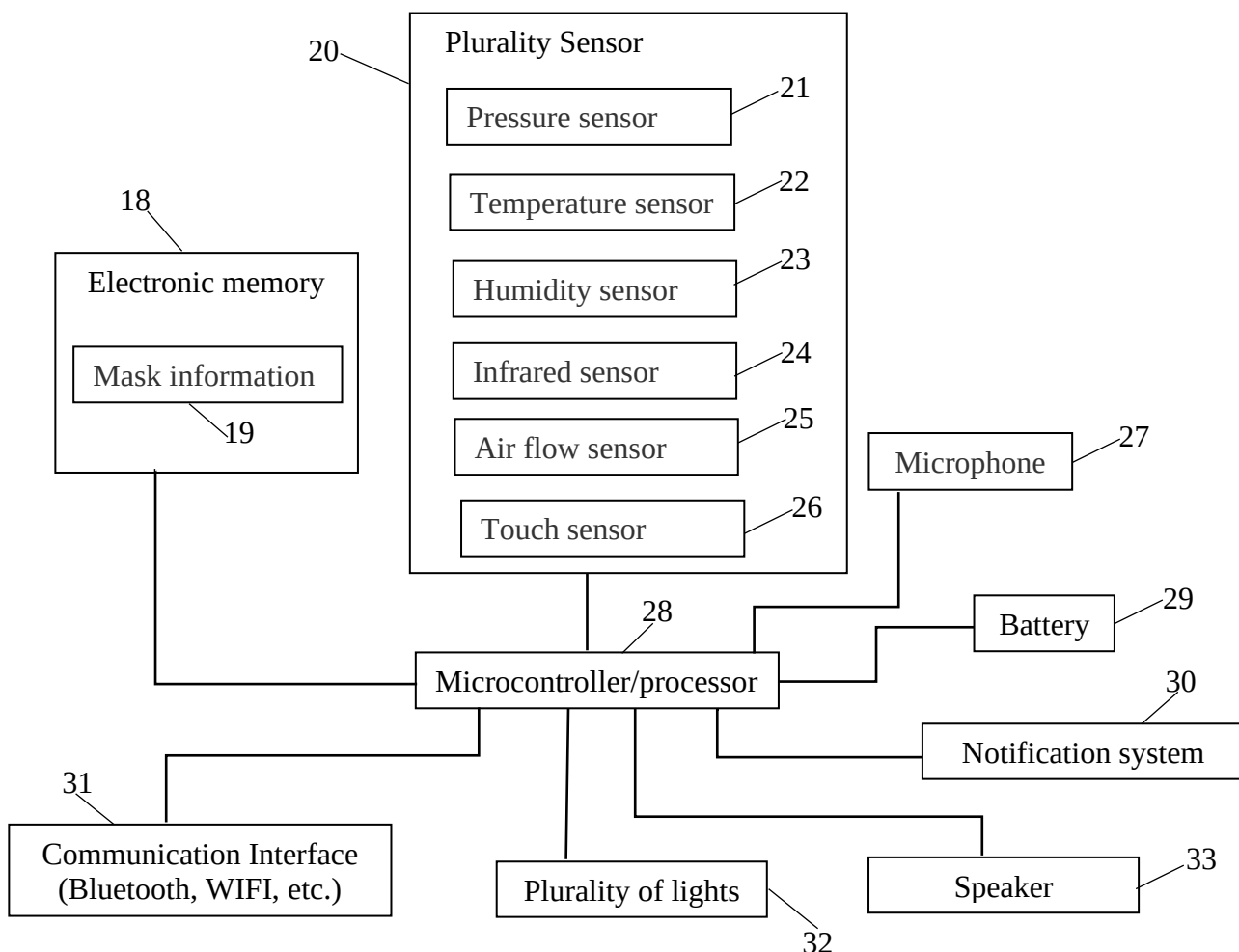


FIG. 9