

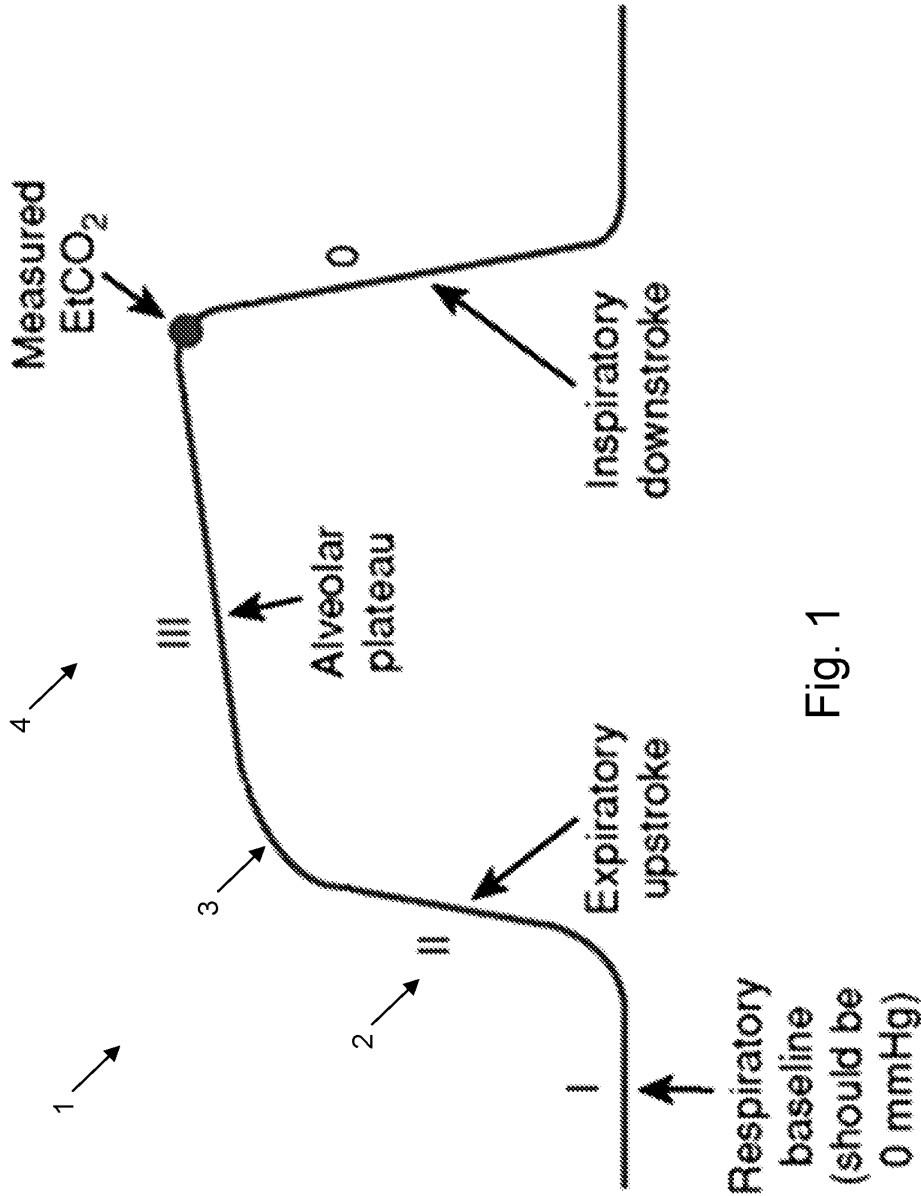


Fig. 1

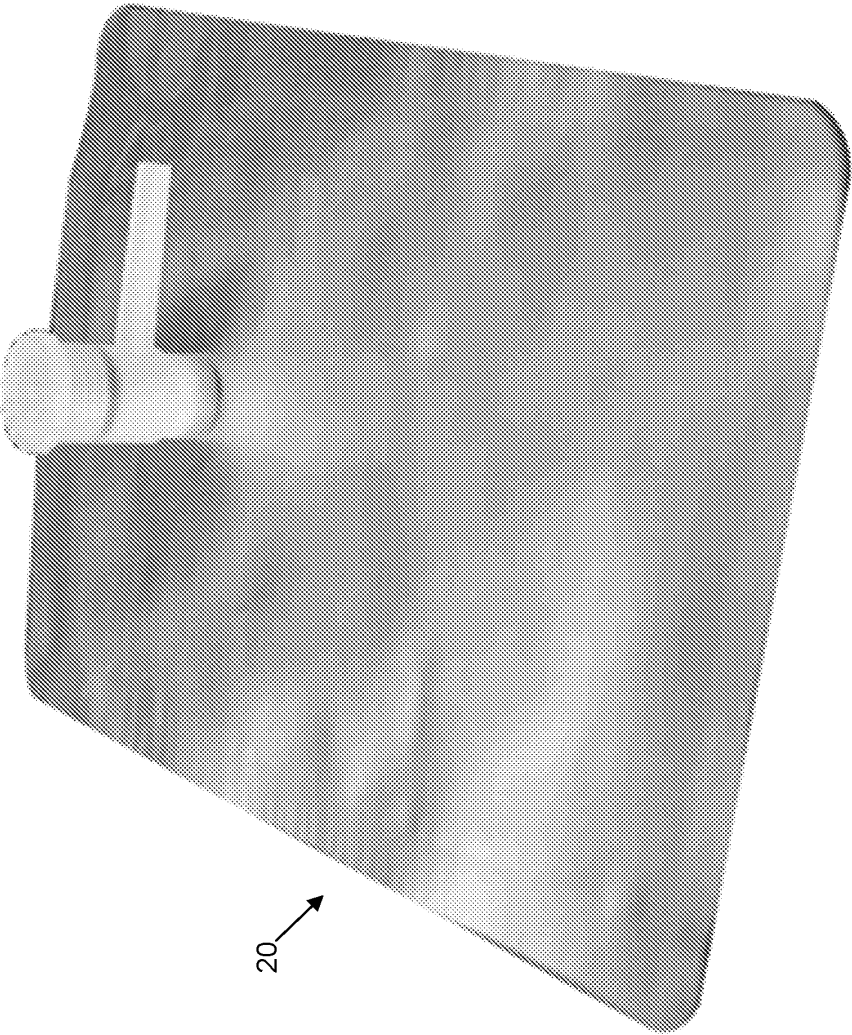


Fig. 2 (Prior Art)

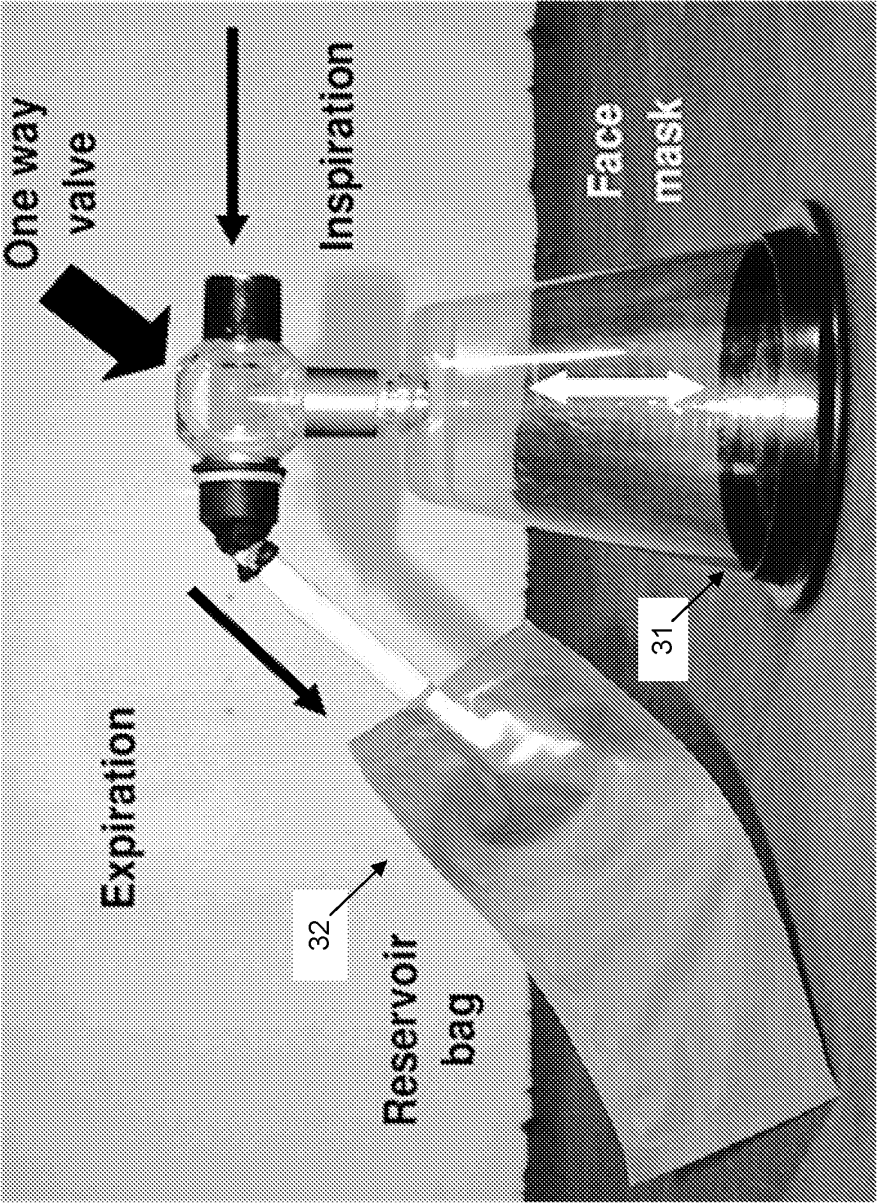


Fig. 3 (Prior Art)

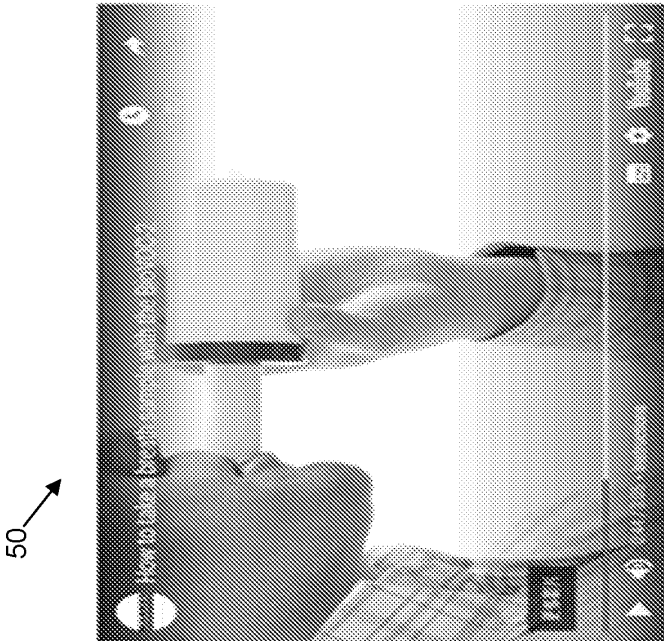


FIG. 5 (Prior Art)

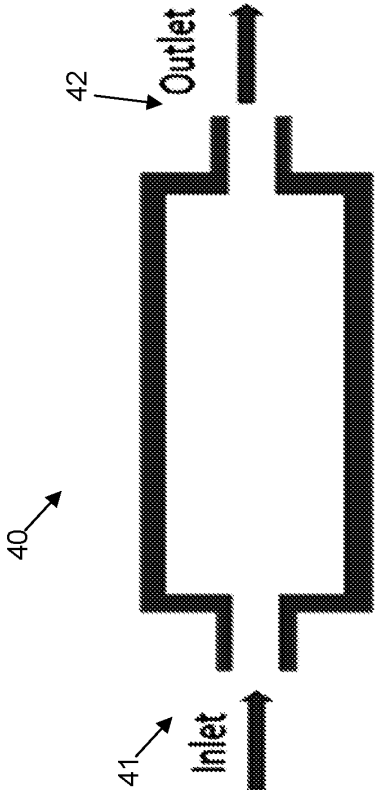


Fig. 4 (Prior Art)

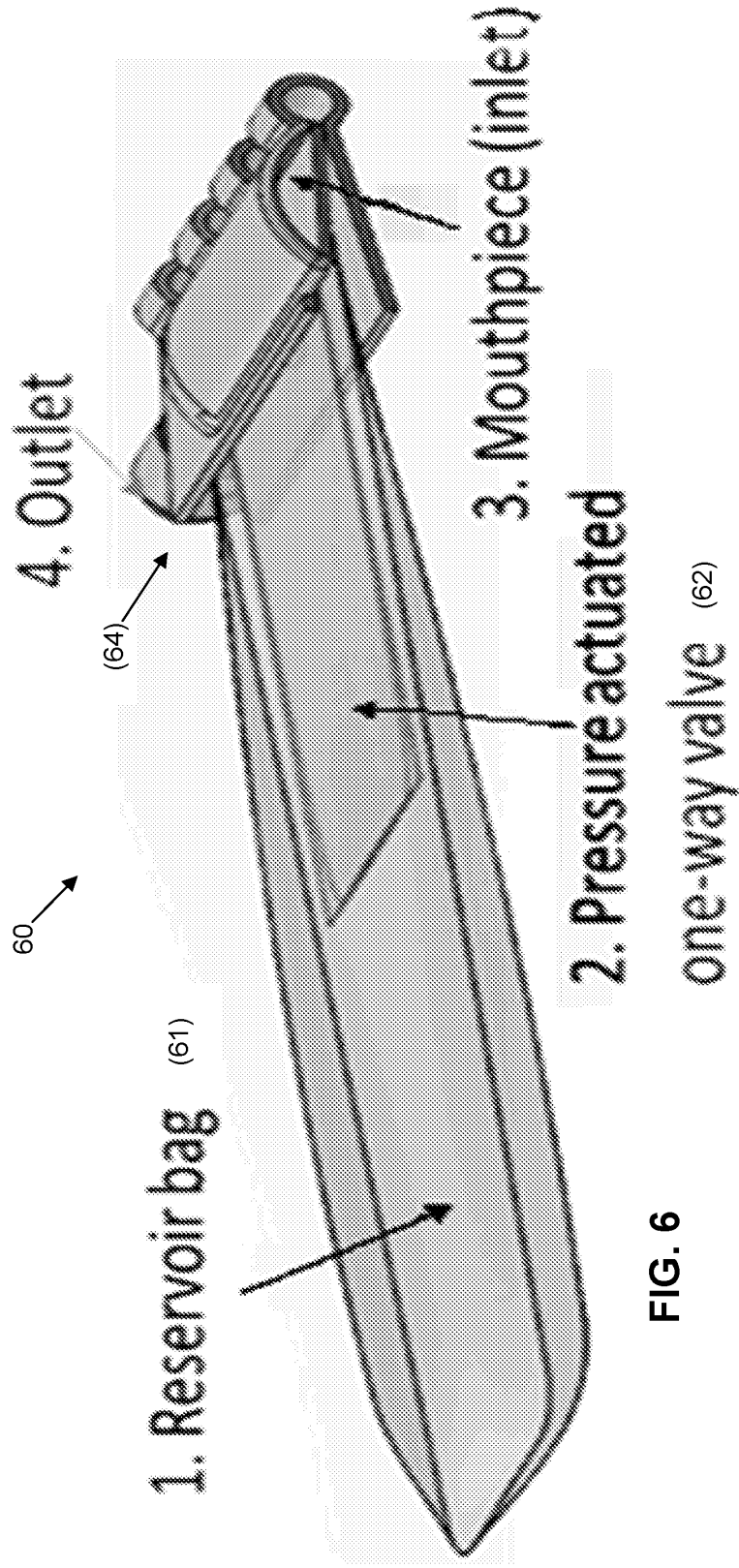


FIG. 6

Prototype for concept proof

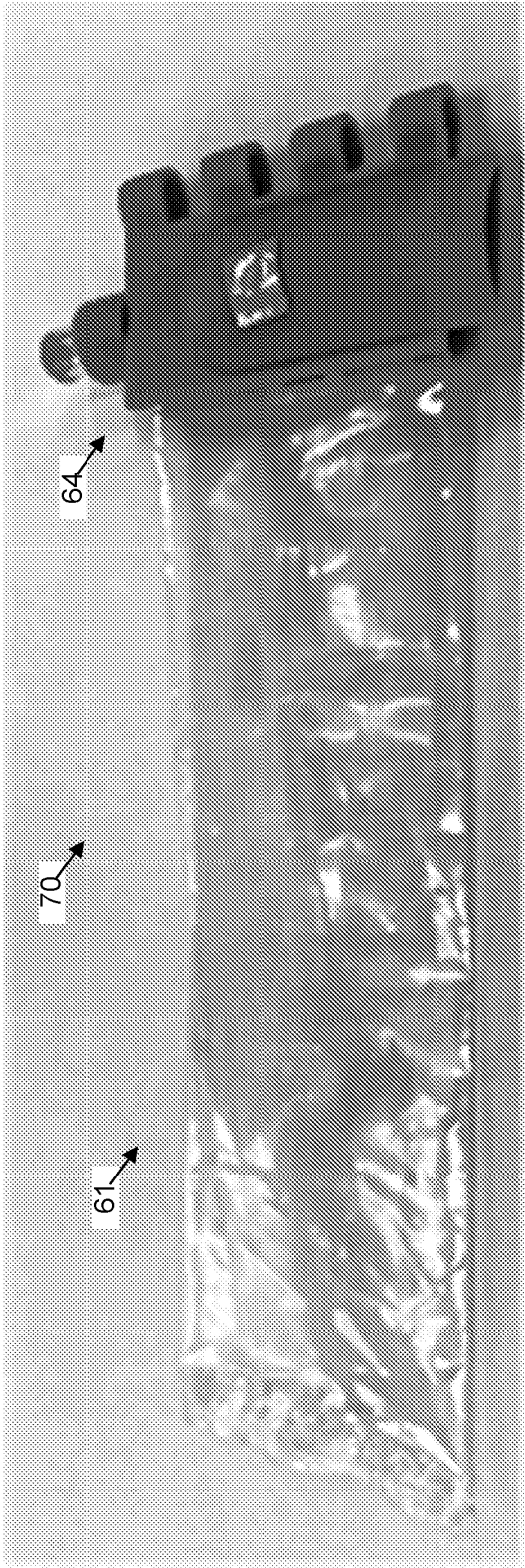


FIG. 7



FIG. 8

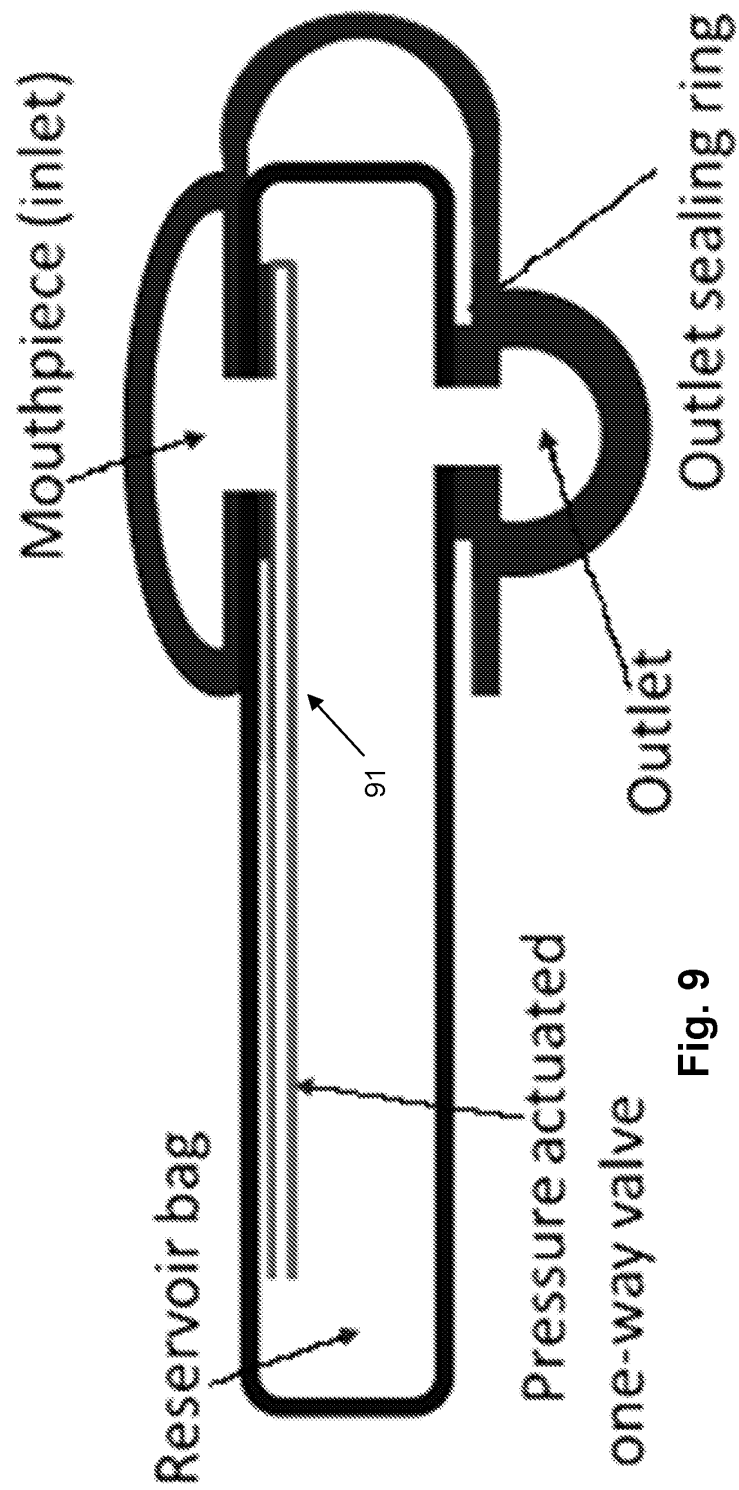


Fig. 9

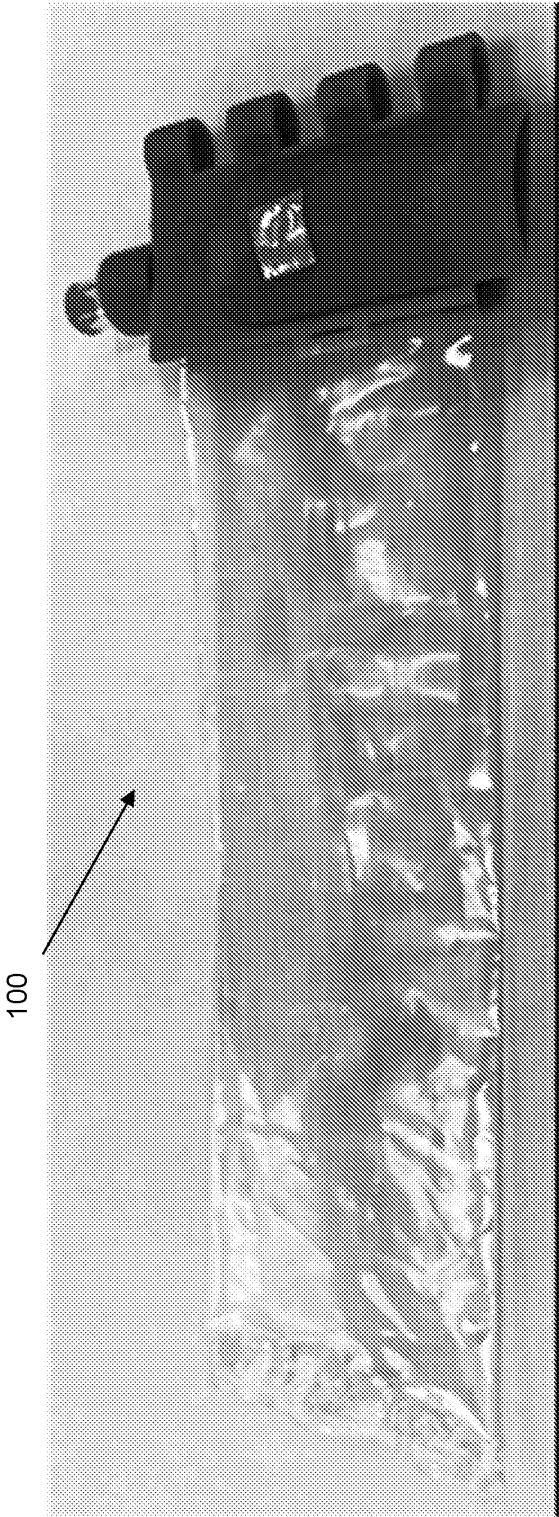
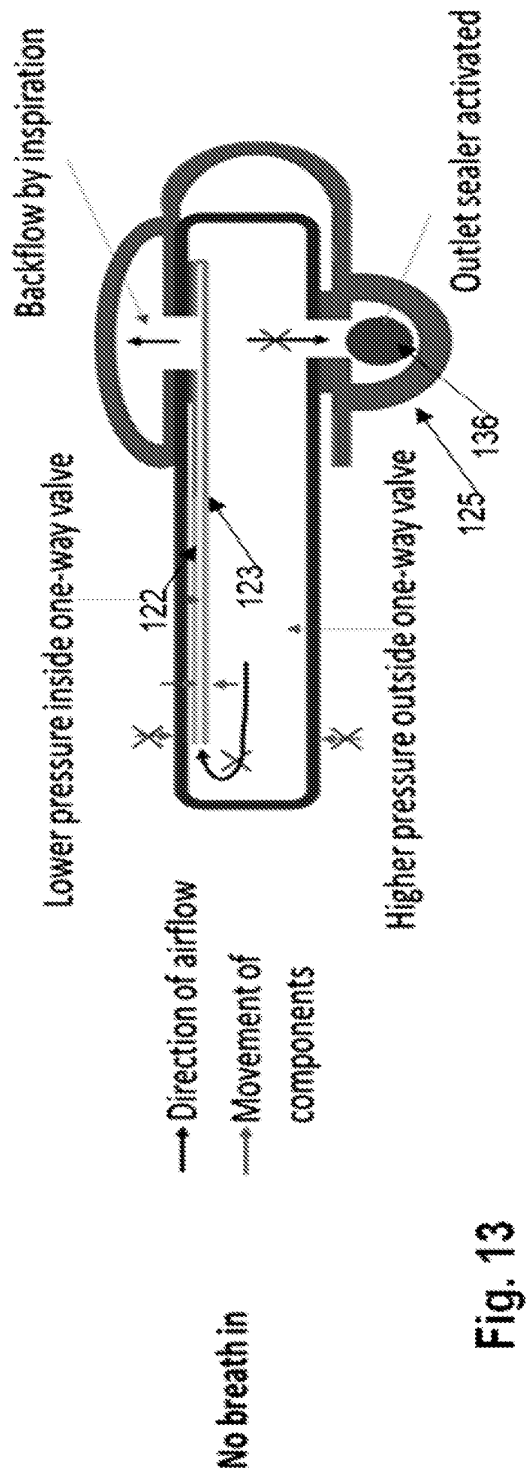
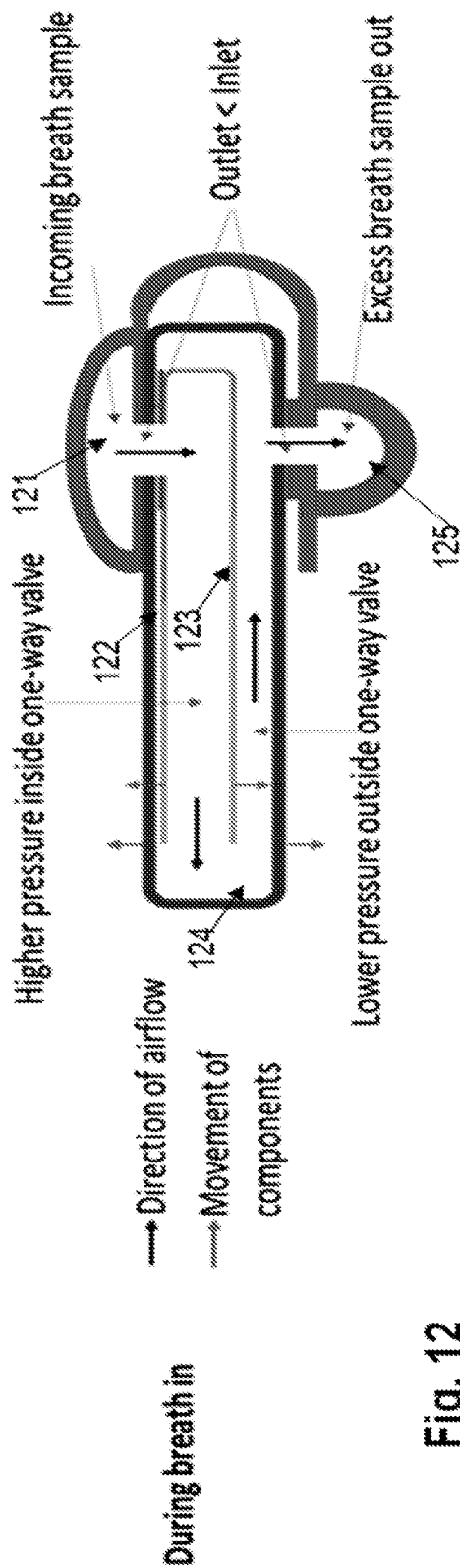


Fig. 10

Fig. 11



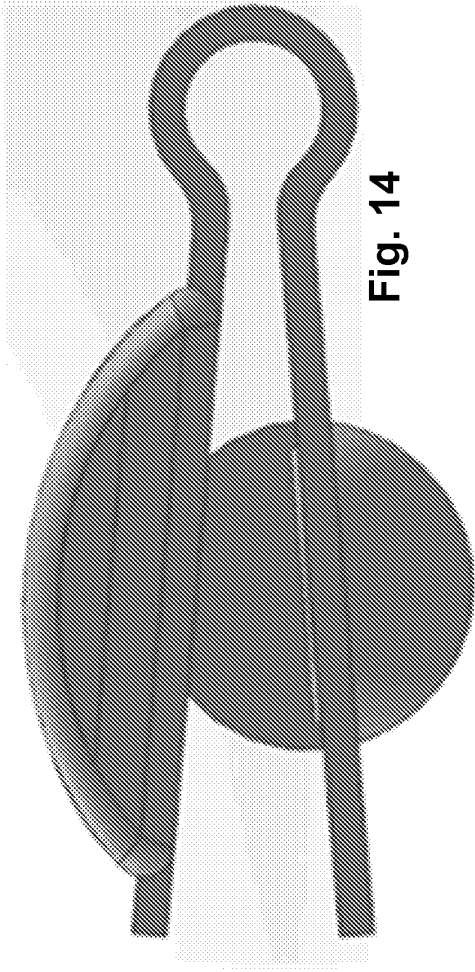


Fig. 14

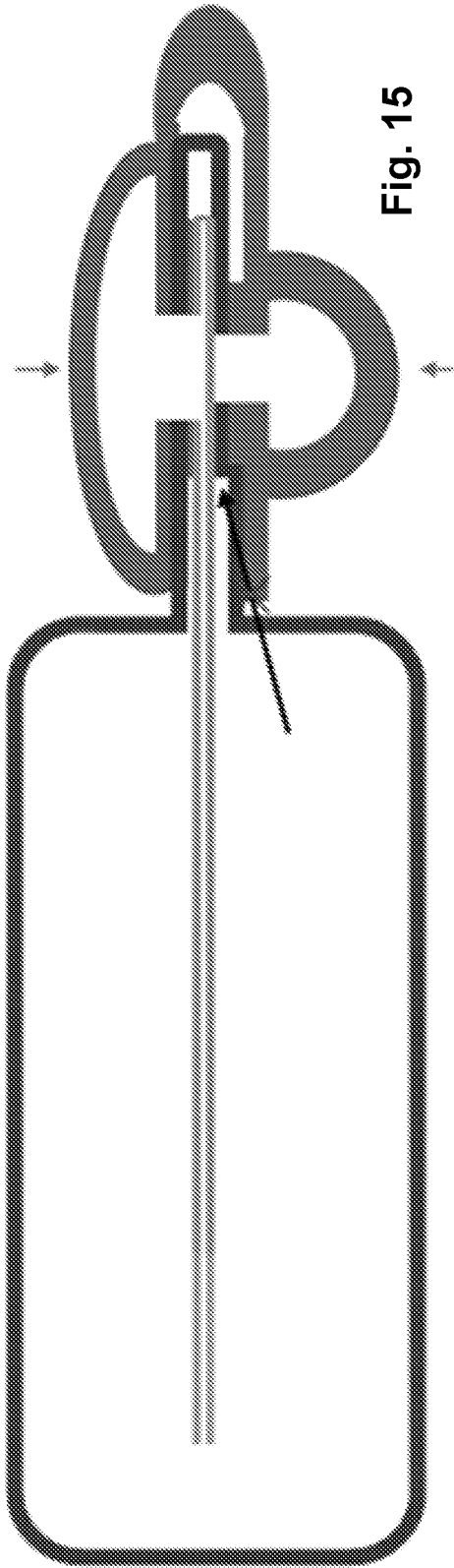
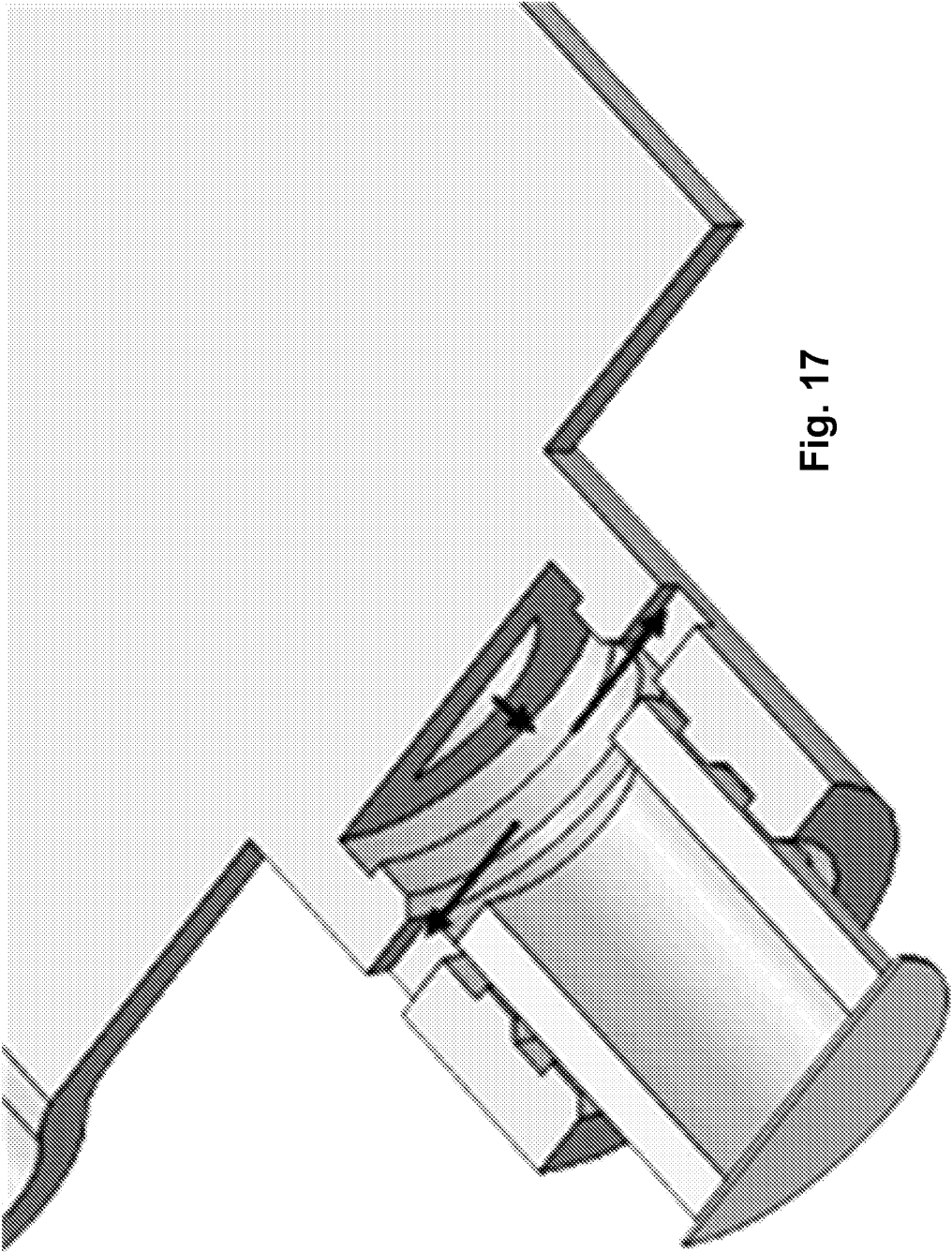
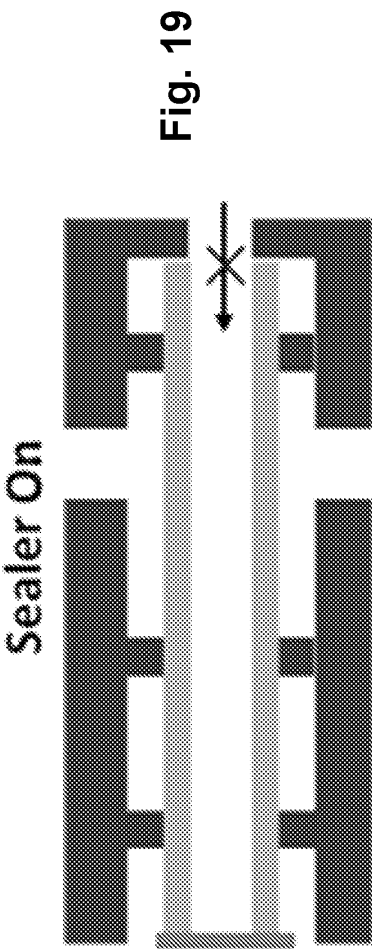
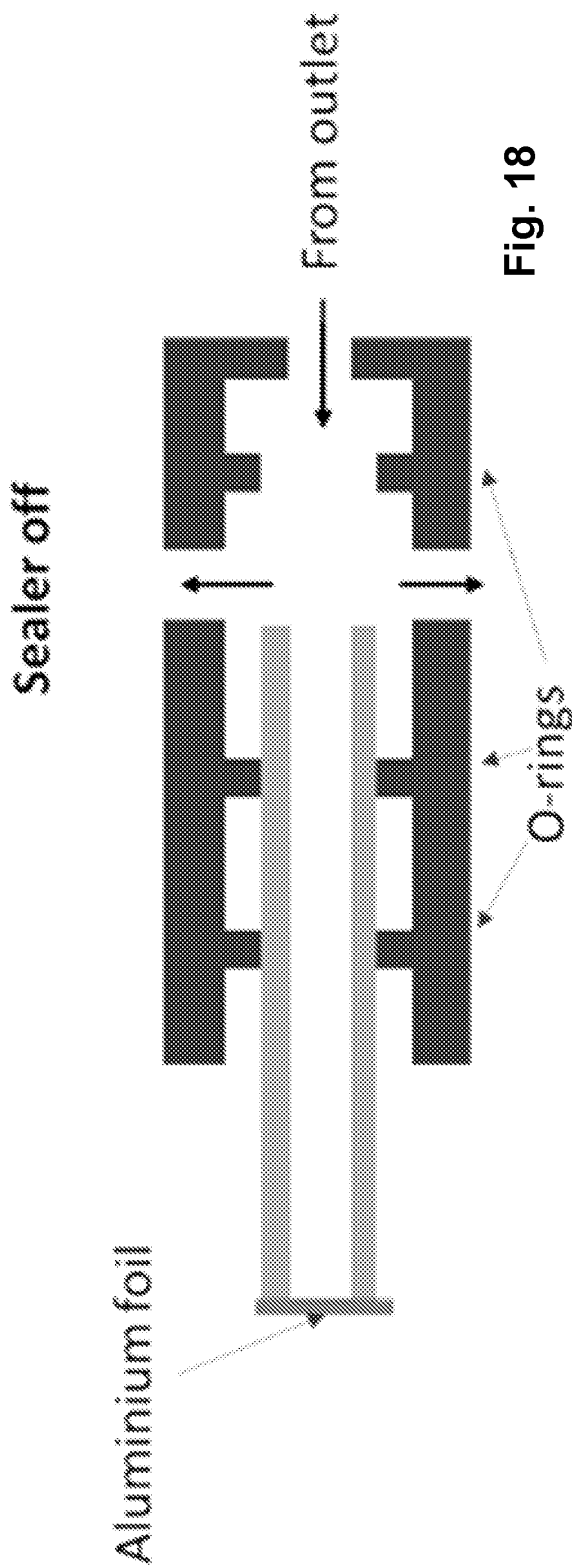


Fig. 15



Fig. 16





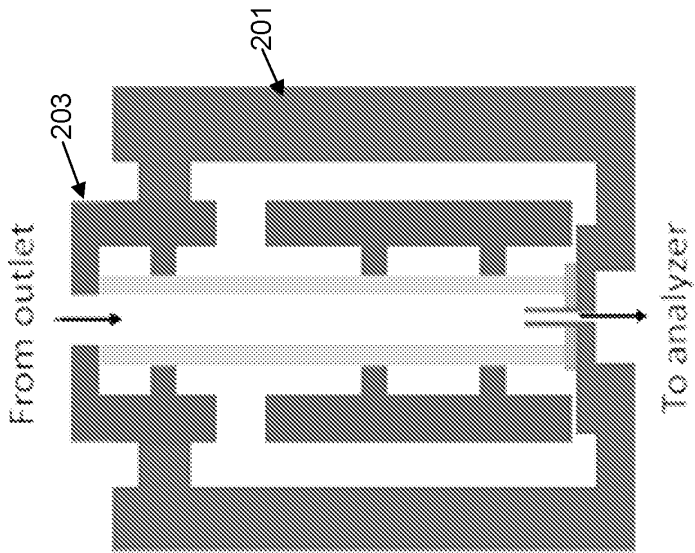
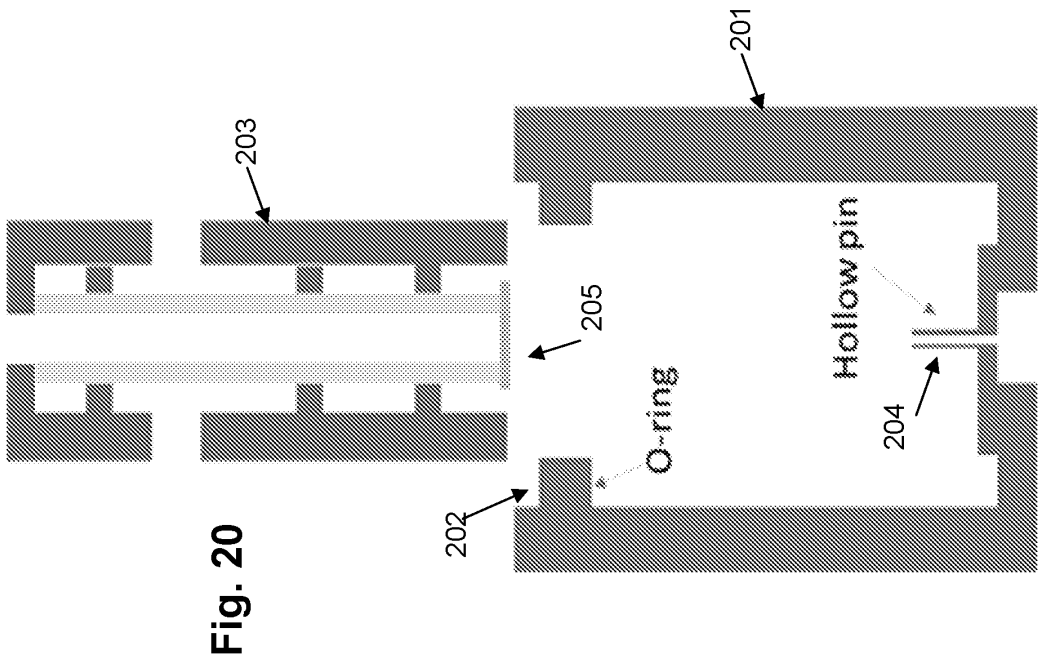


Fig. 21

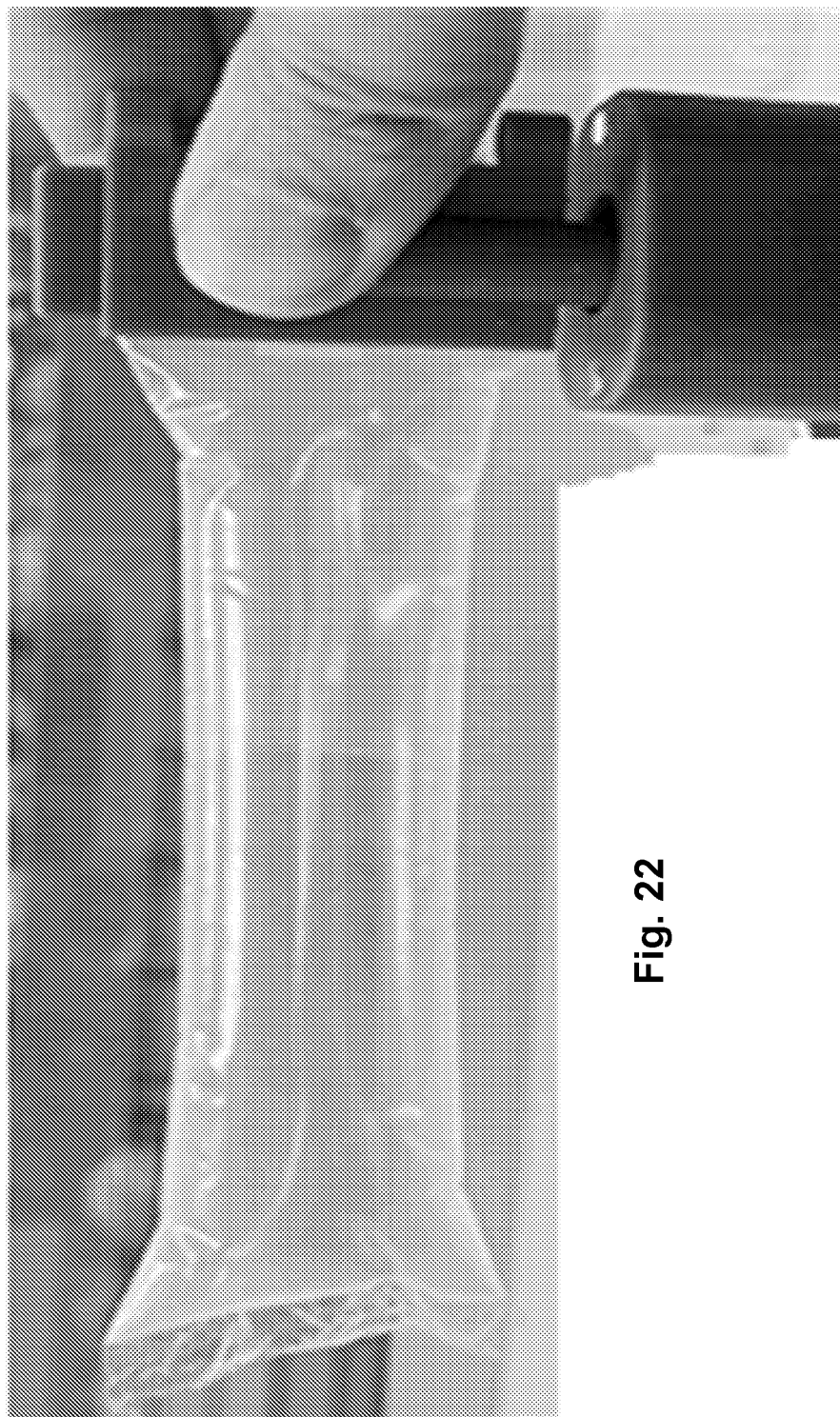


Fig. 22

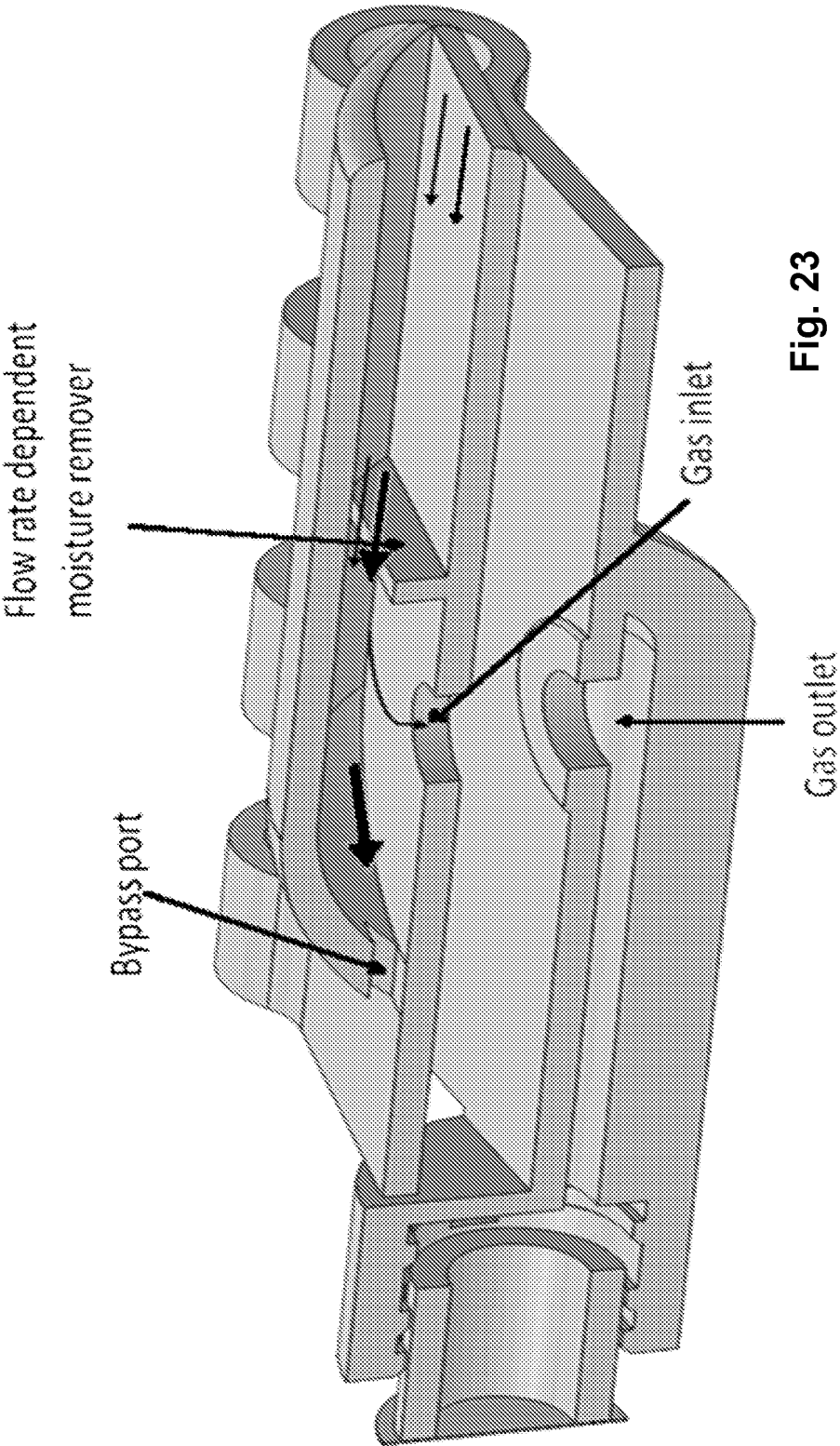


Fig. 23

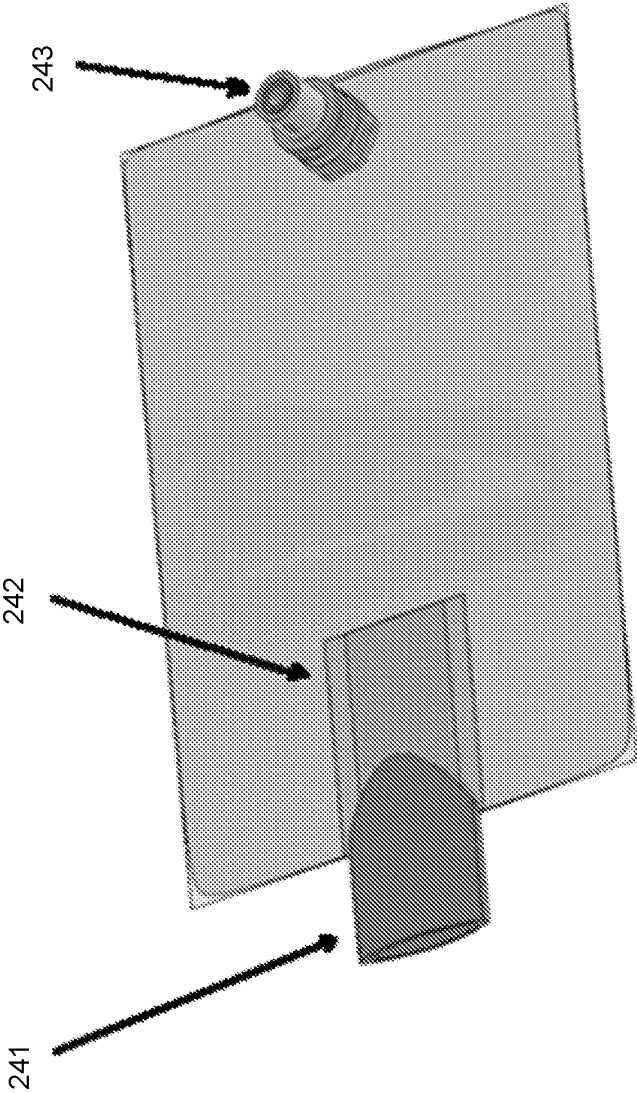


Fig. 24

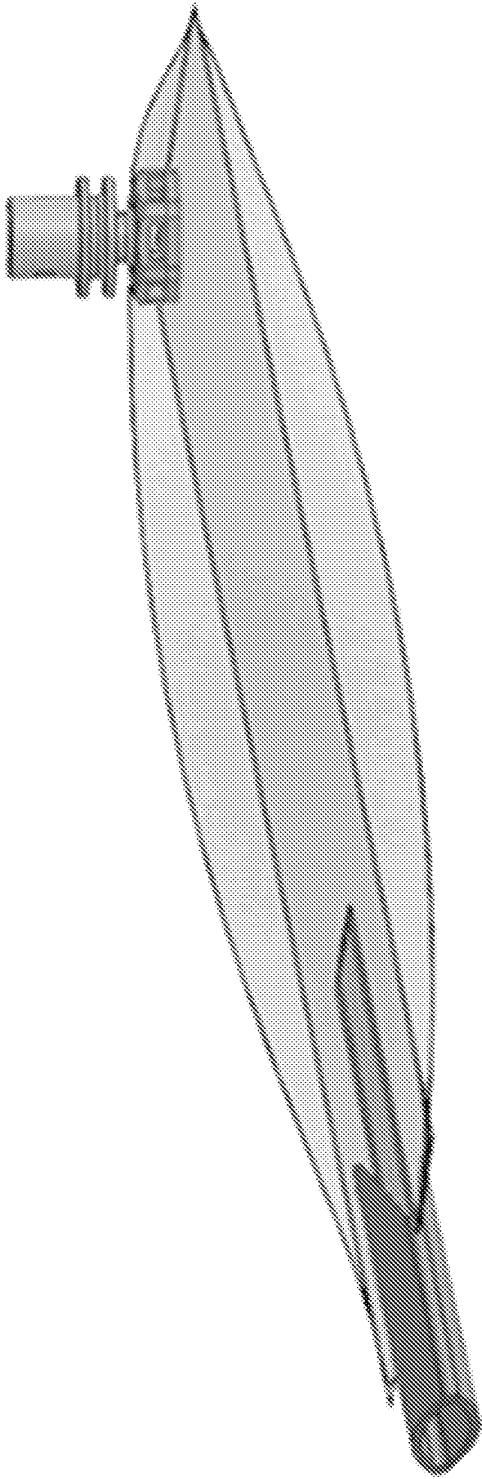
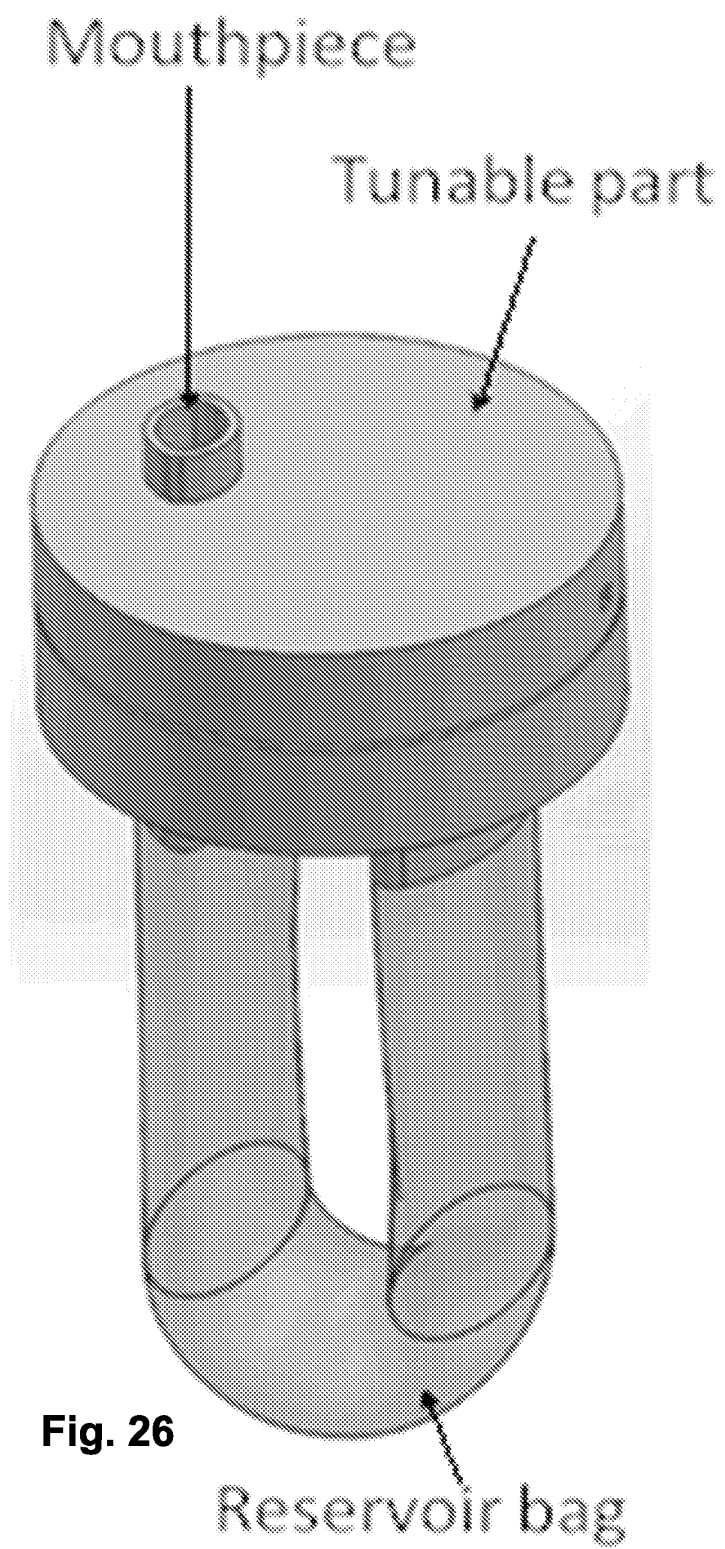
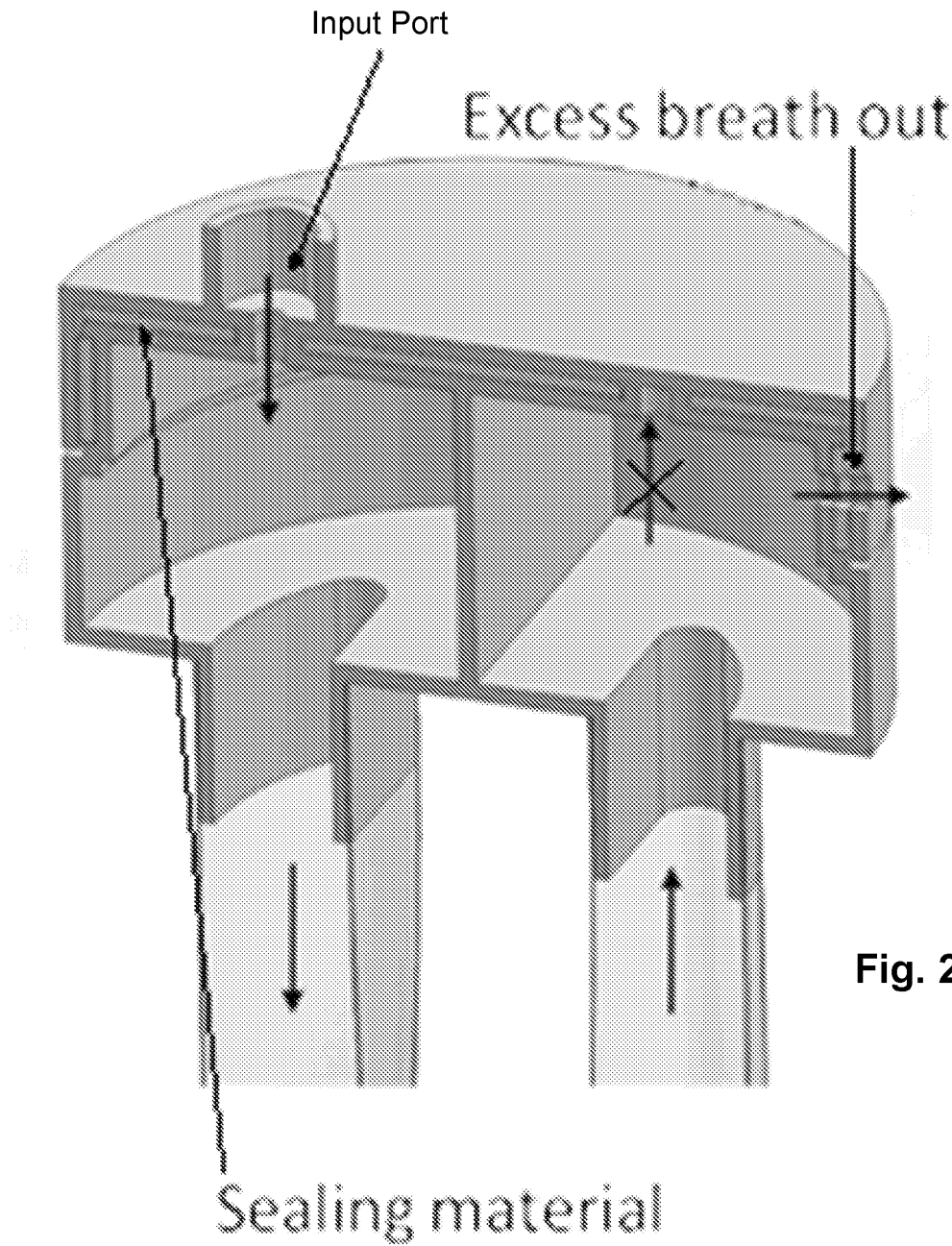


Fig. 25





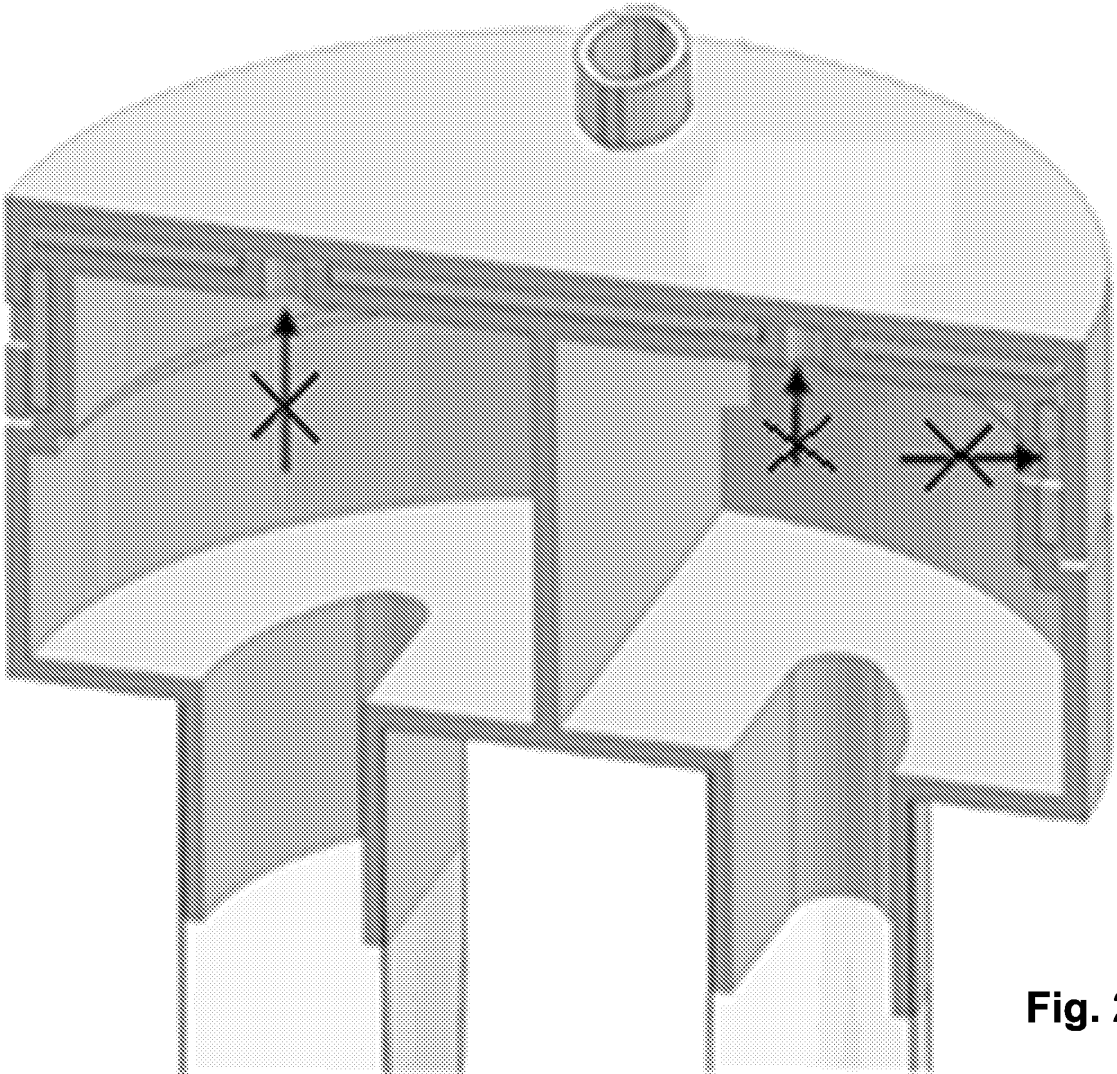


Fig. 28

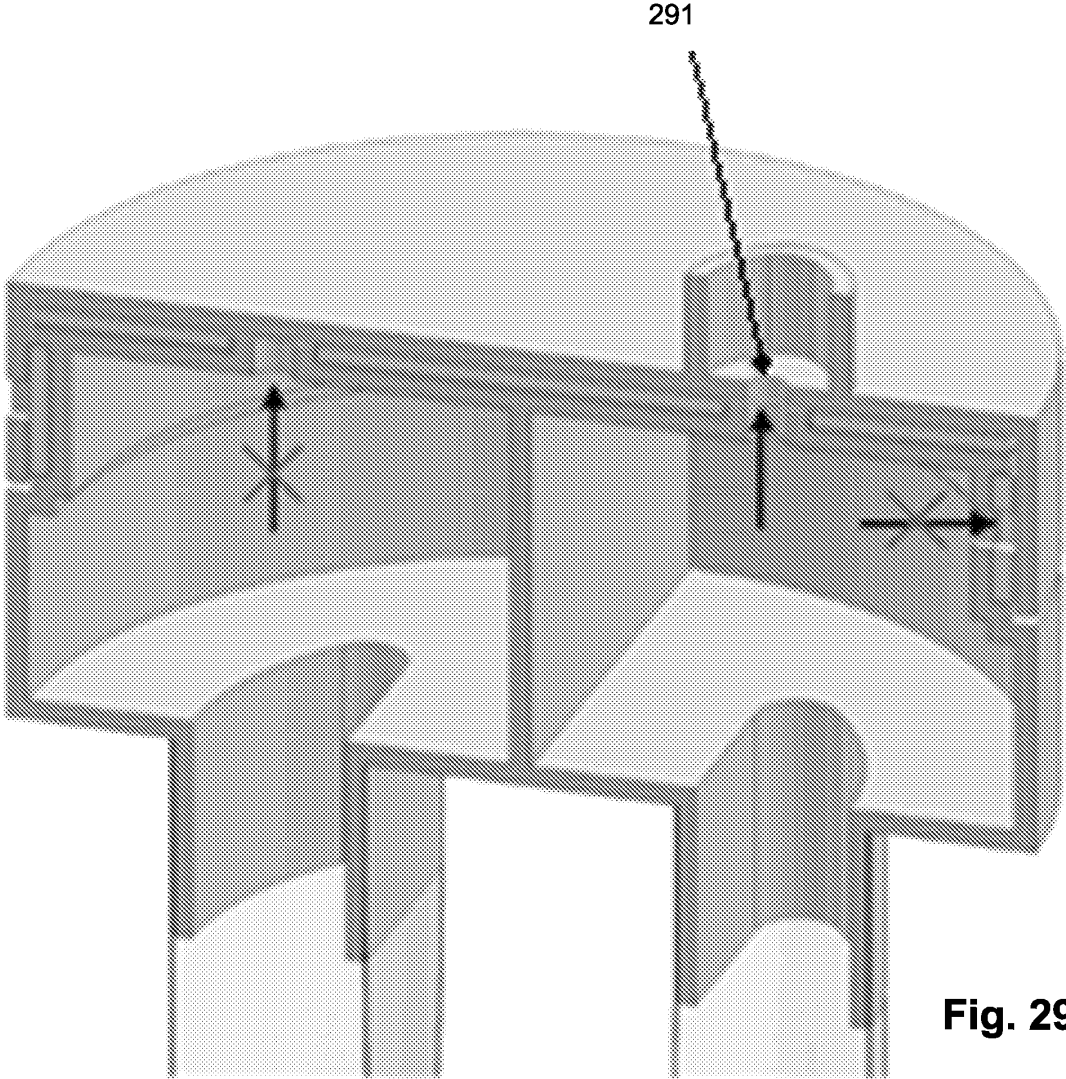
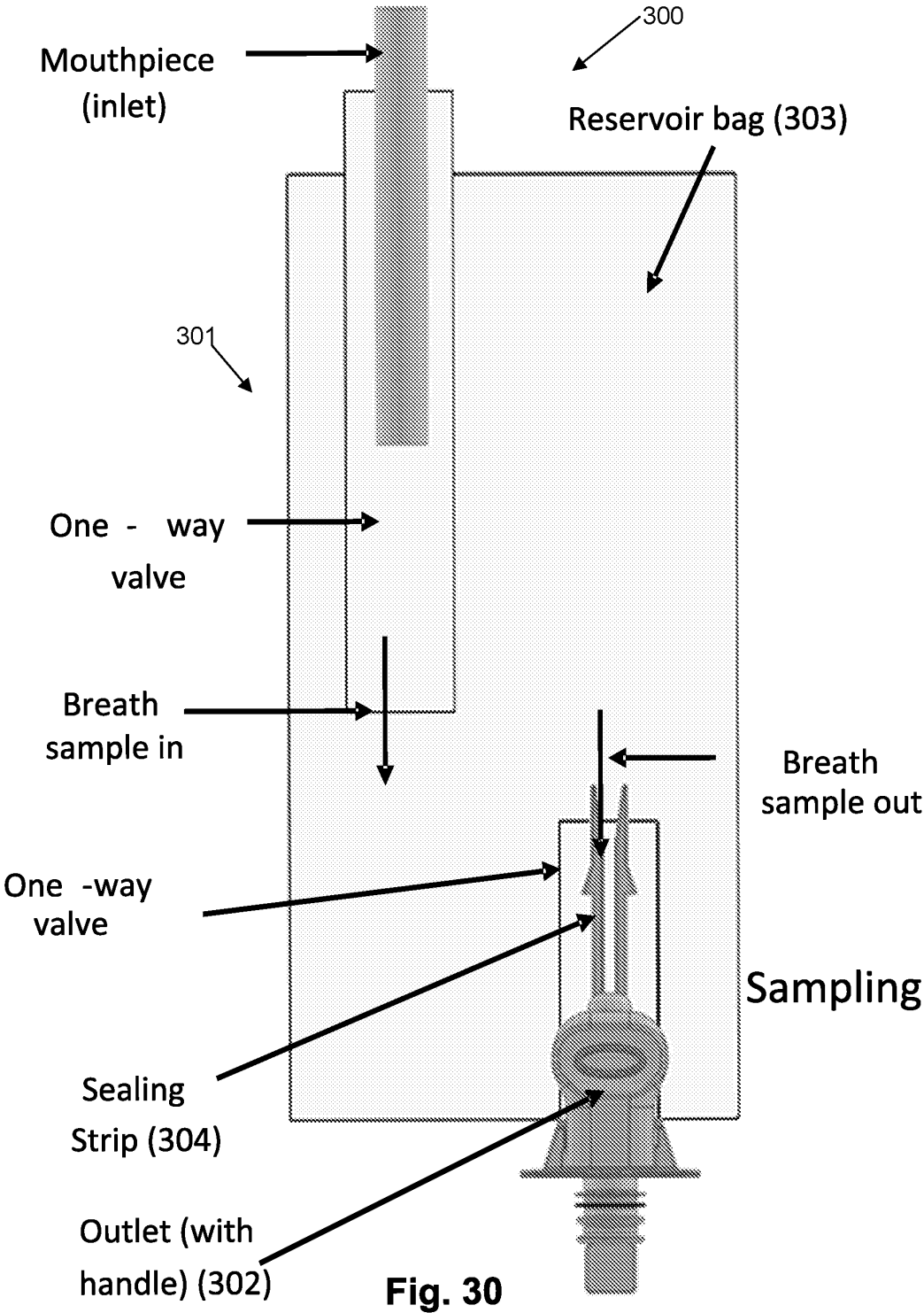
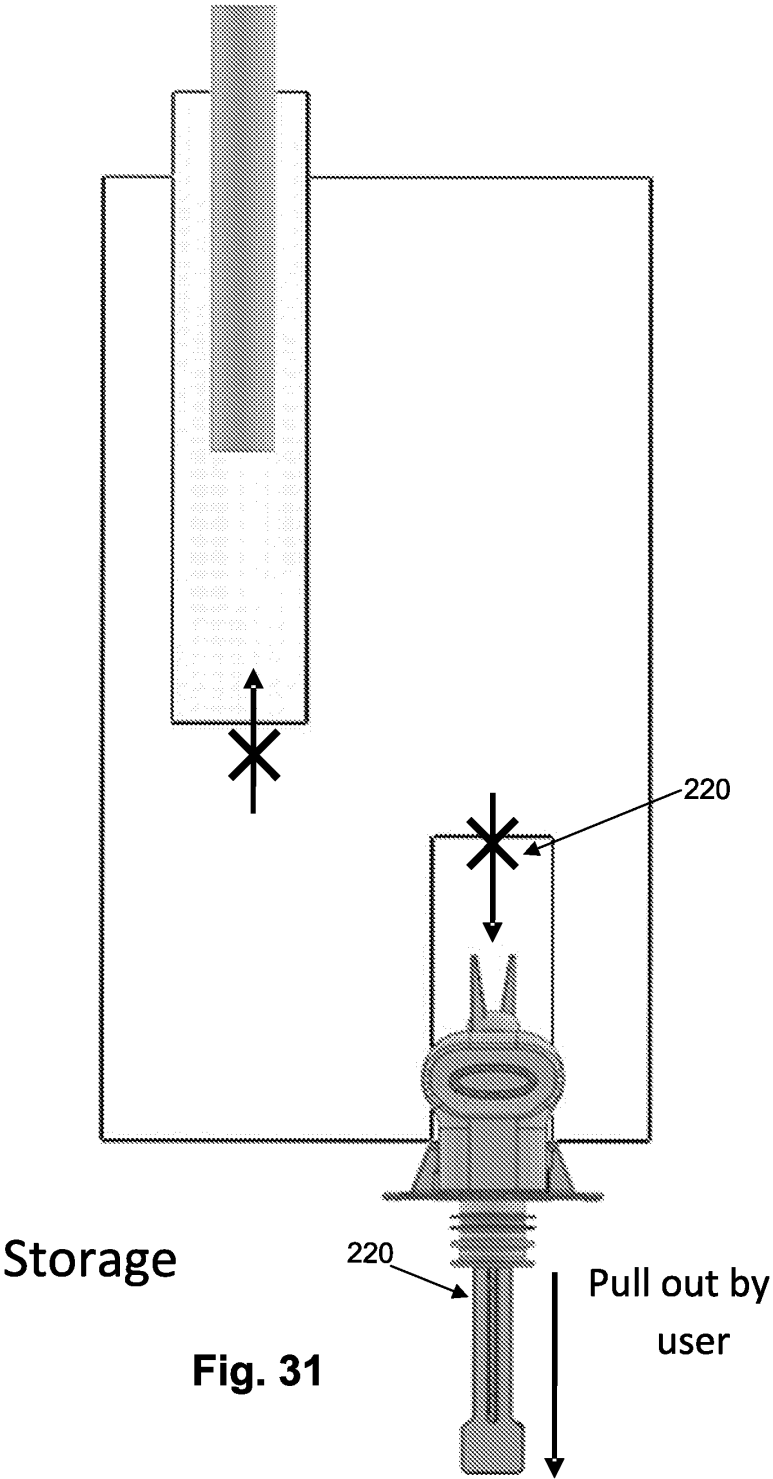
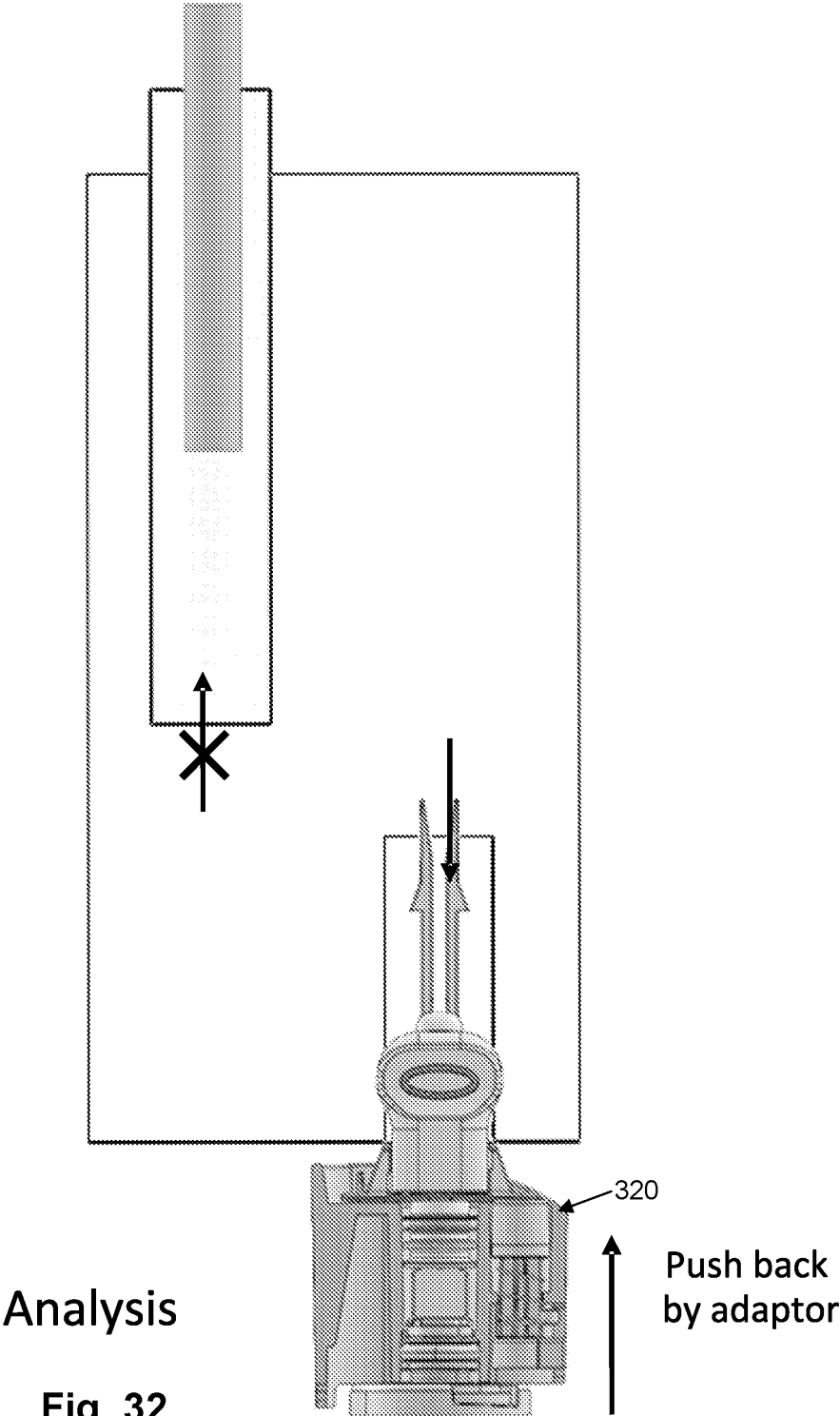


Fig. 29







Analysis
Fig. 32