

FIG. 1



Prior Art

FIG. 2A

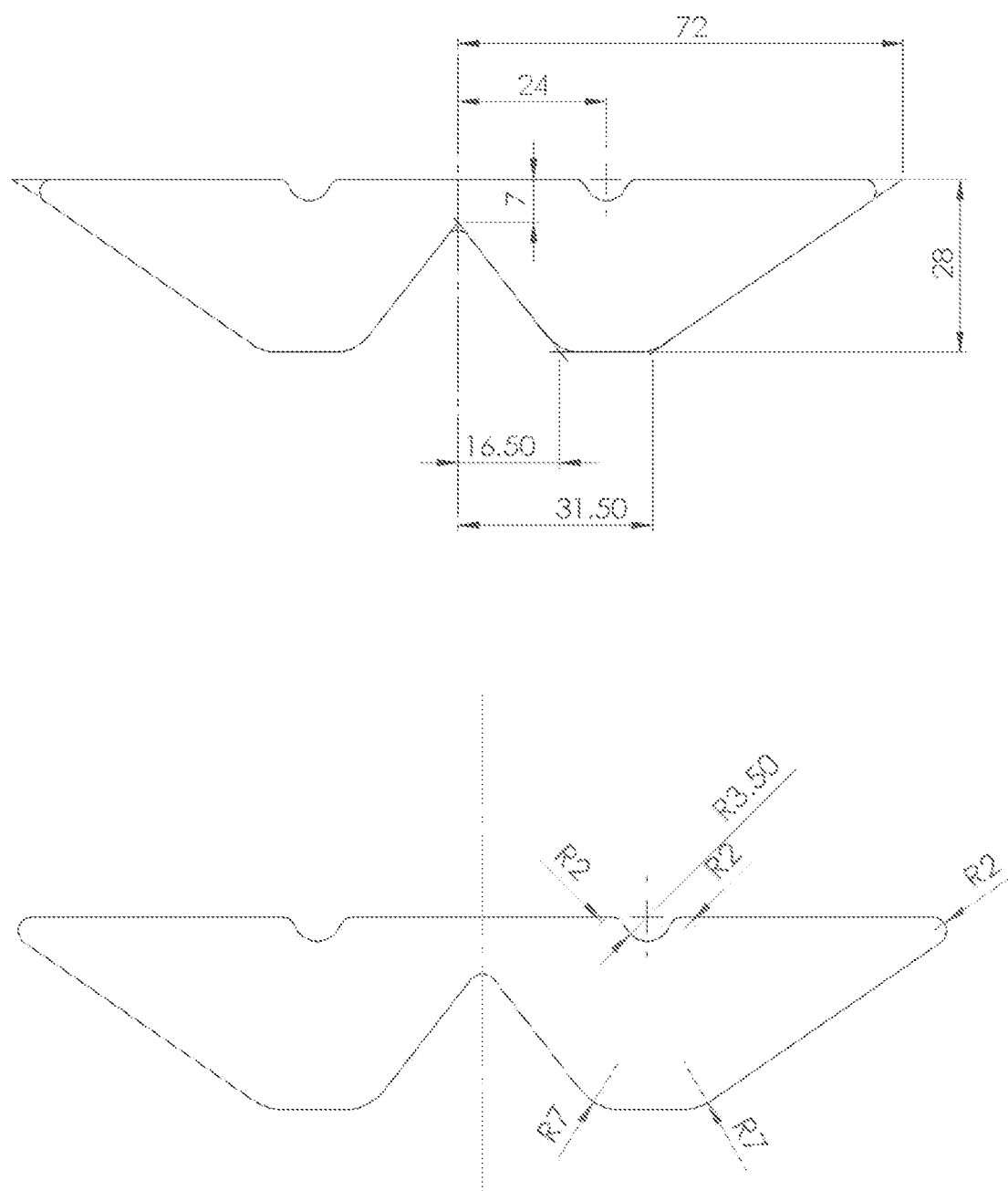


FIG. 2B

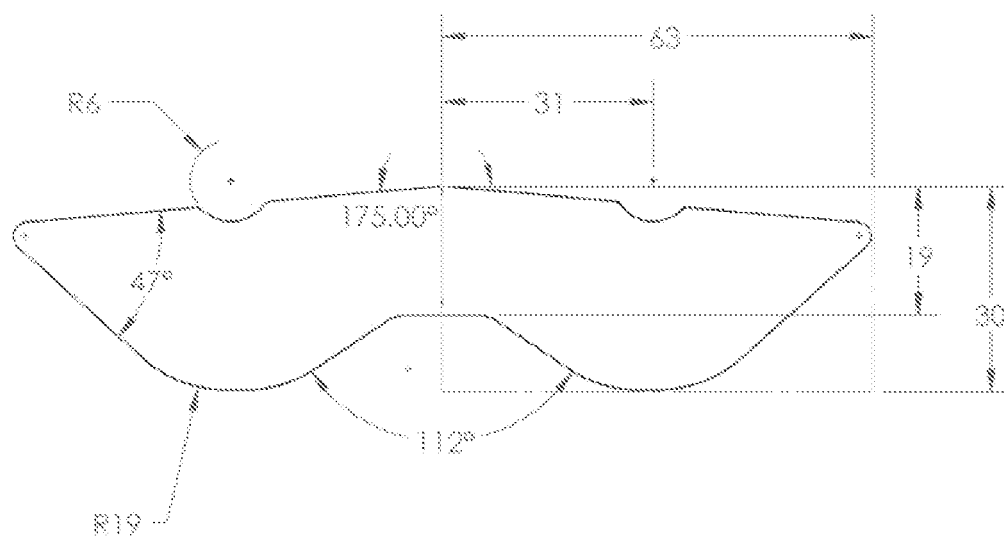


FIG. 3a

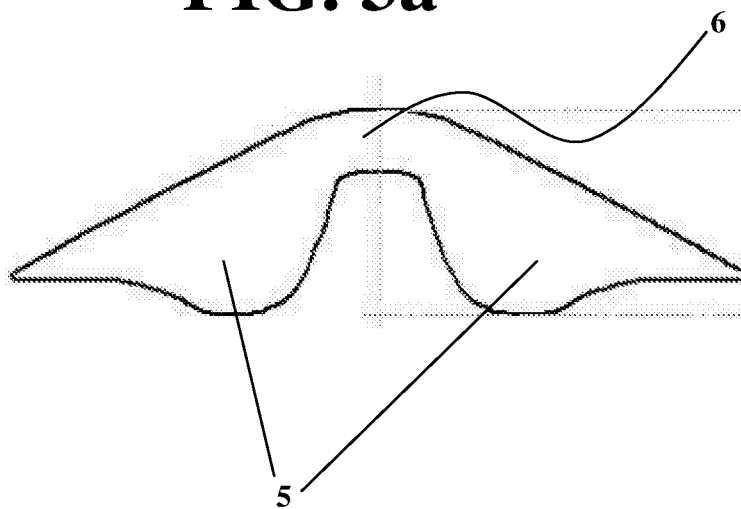


FIG. 3b

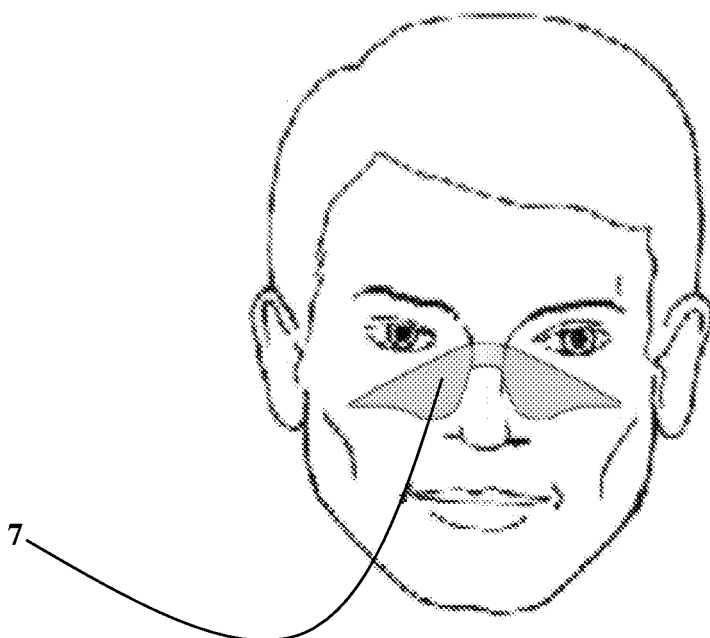


FIG. 4A

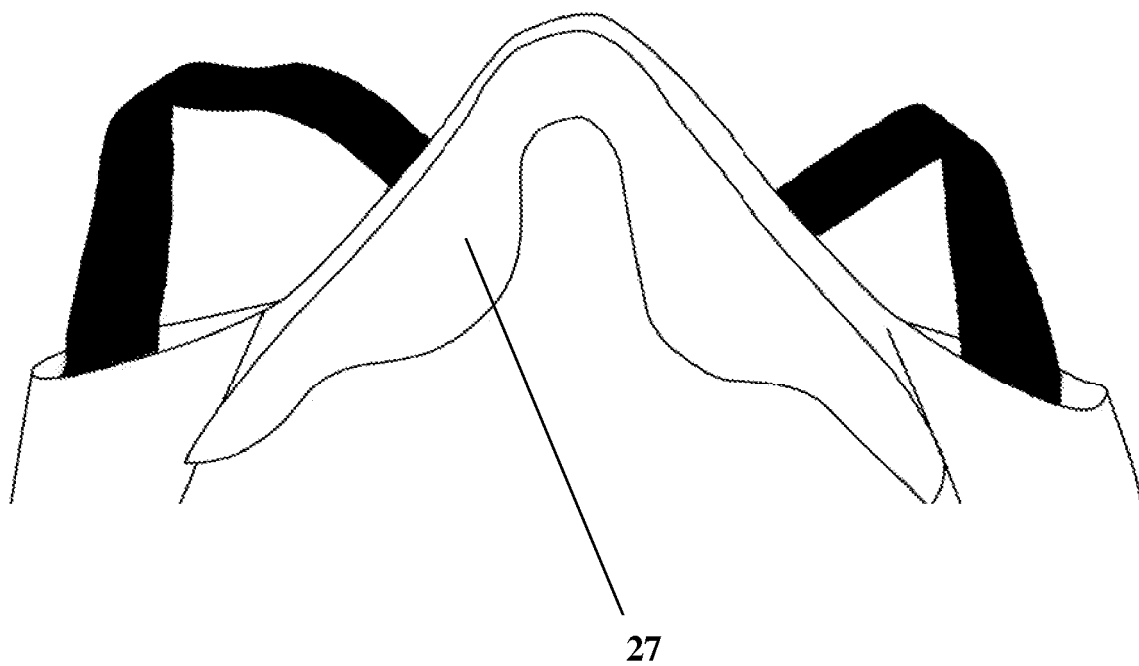


FIG. 4B

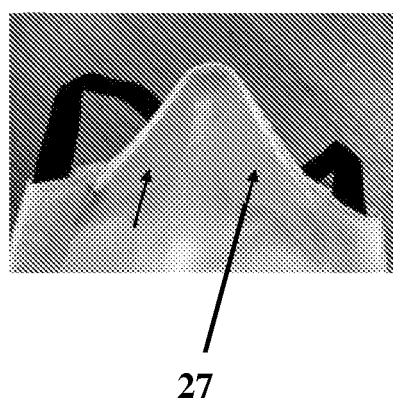


FIG. 5A

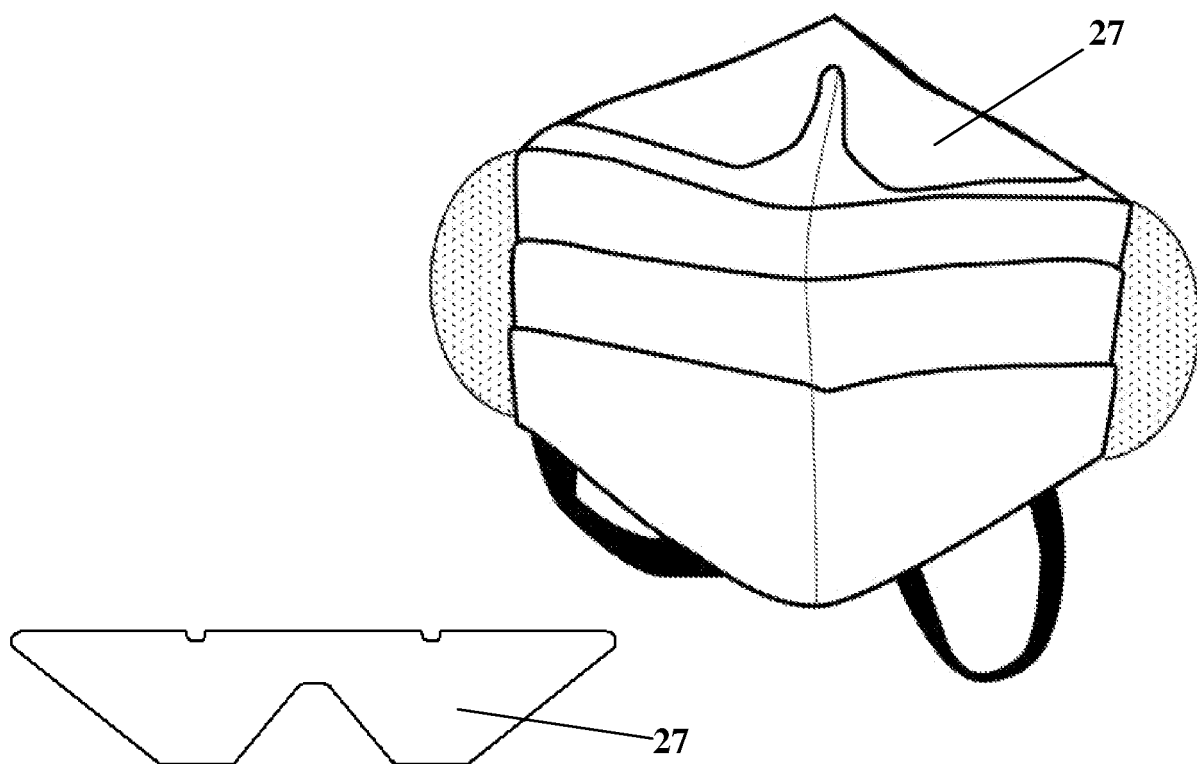


FIG. 5B

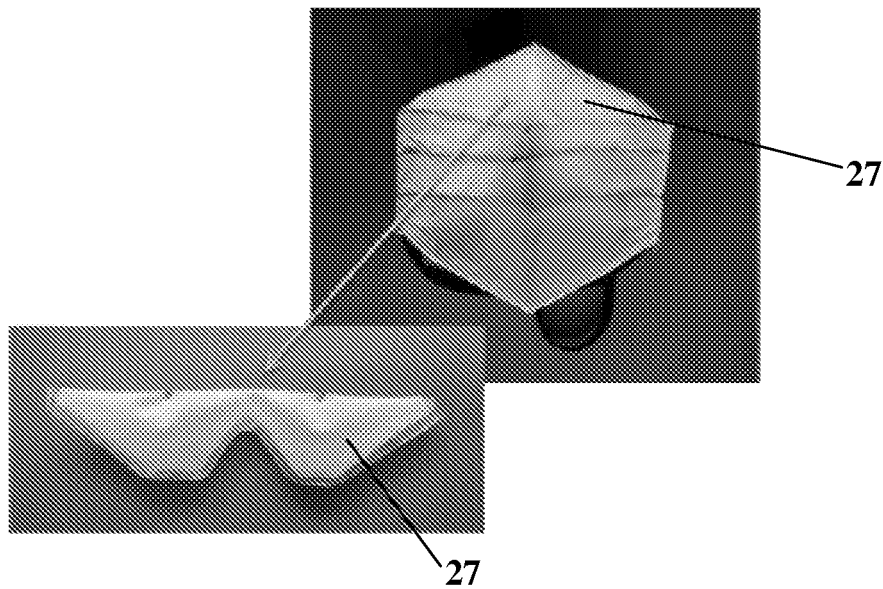


FIG. 5C

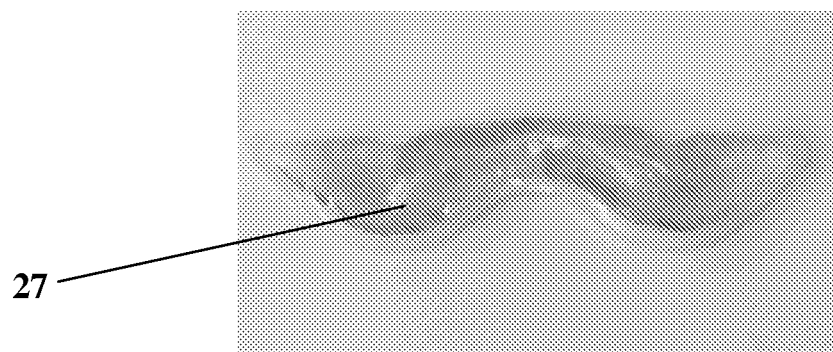


FIG. 5D

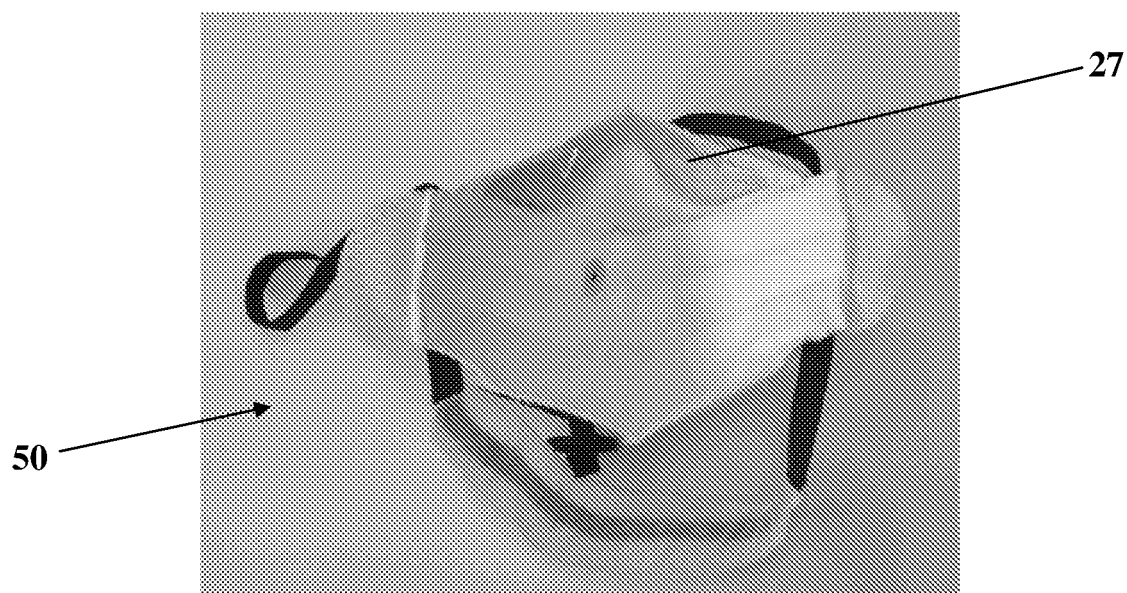


FIG. 6

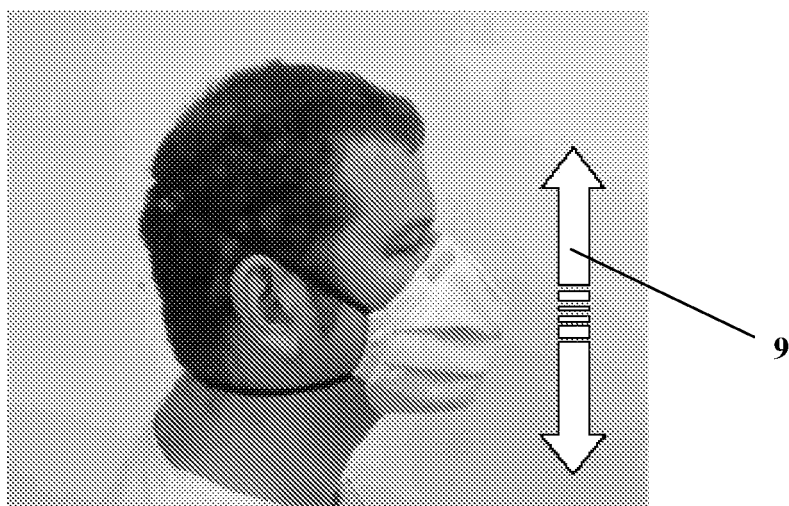


FIG. 7a

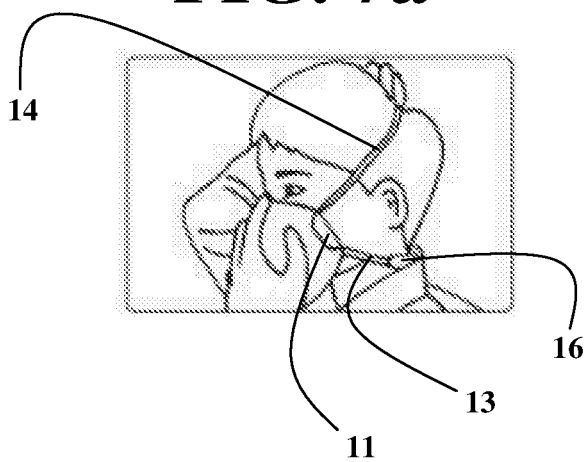


FIG. 7b

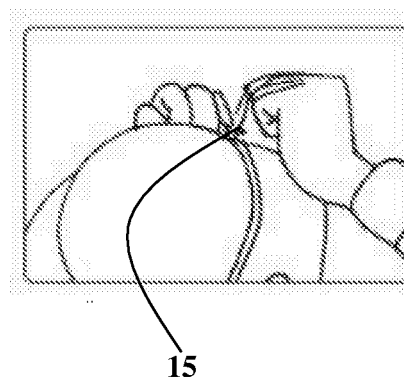
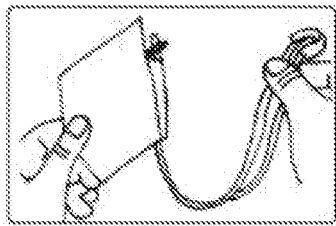


FIG. 8

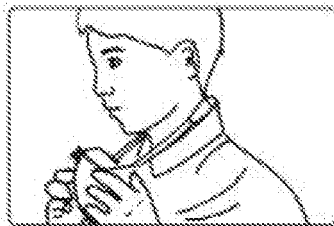


Prior Art

FIG. 9



1



2



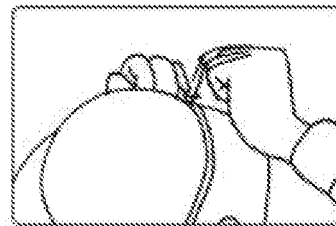
3



4



5



6



7

FIG. 10

Mask		Subject 1 (NIOSH Sec. 1)	Subject 2 (NIOSH Sec. 1)	Subject 3 (NIOSH Sec. 3)	Subject 4 (NIOSH Sec. 4)	Subject 5 (NIOSH Sec. 3)
Present invention models (w/ cushion)	Flat-cut	181	181	157	187	136
	Pleats	466	738	401	798	448
Prior Art	1	43	199	8.4	67	103
	2	22	58	55	7.2	95
	3	4.2	18	6.1	-	-

Protection Factor (FIT factor) results obtained with PORTACOUNT Pro Plus 8038

(threshold "pass" criteria according to OSHA 29 CFR1910.134 is FIT Factor ≥ 100)

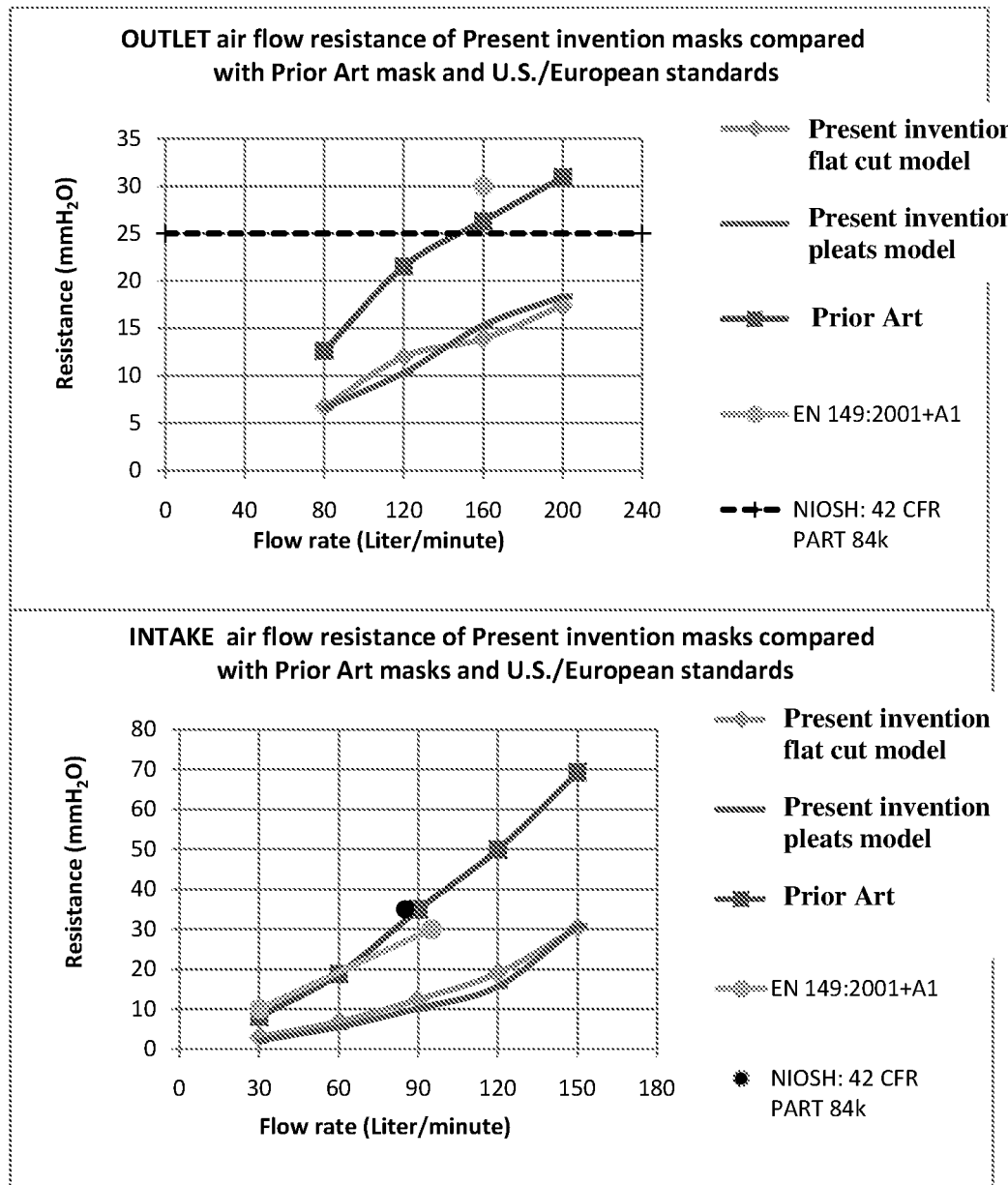
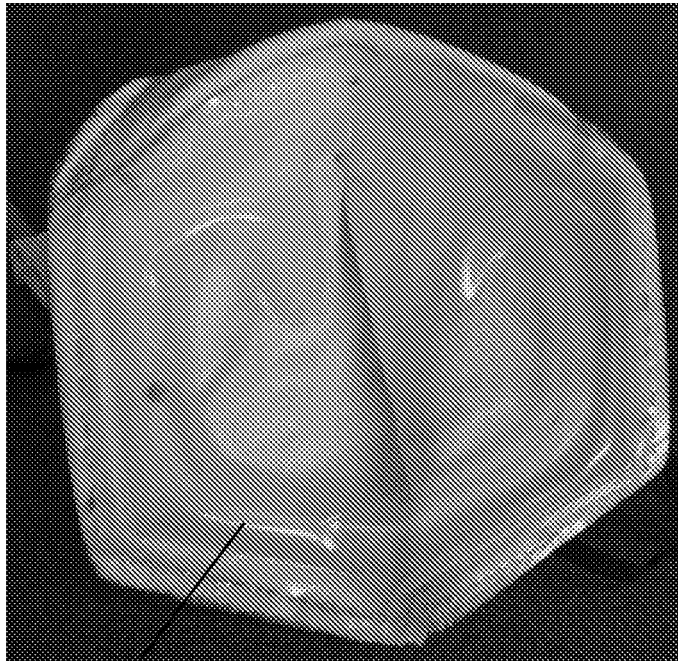
FIG. 11

FIG. 12



10

FIG. 13

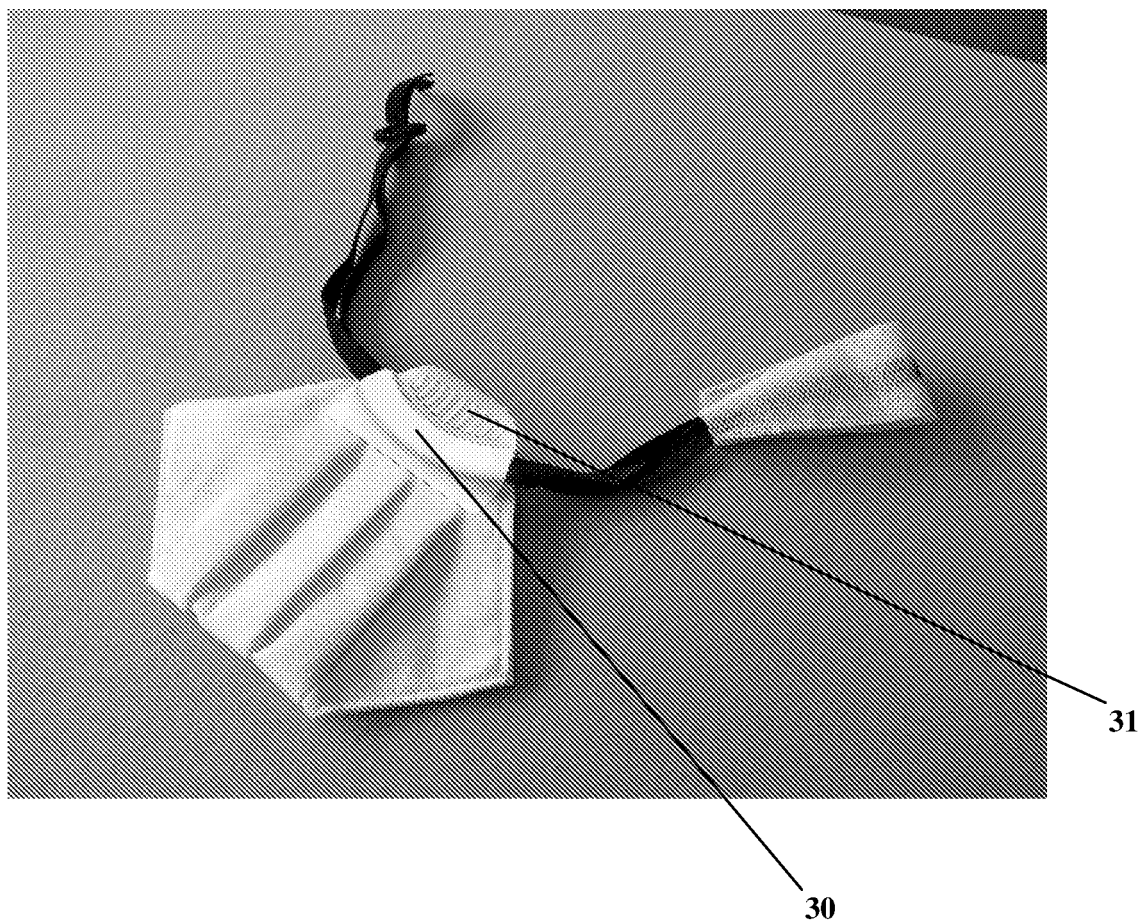


FIG. 14

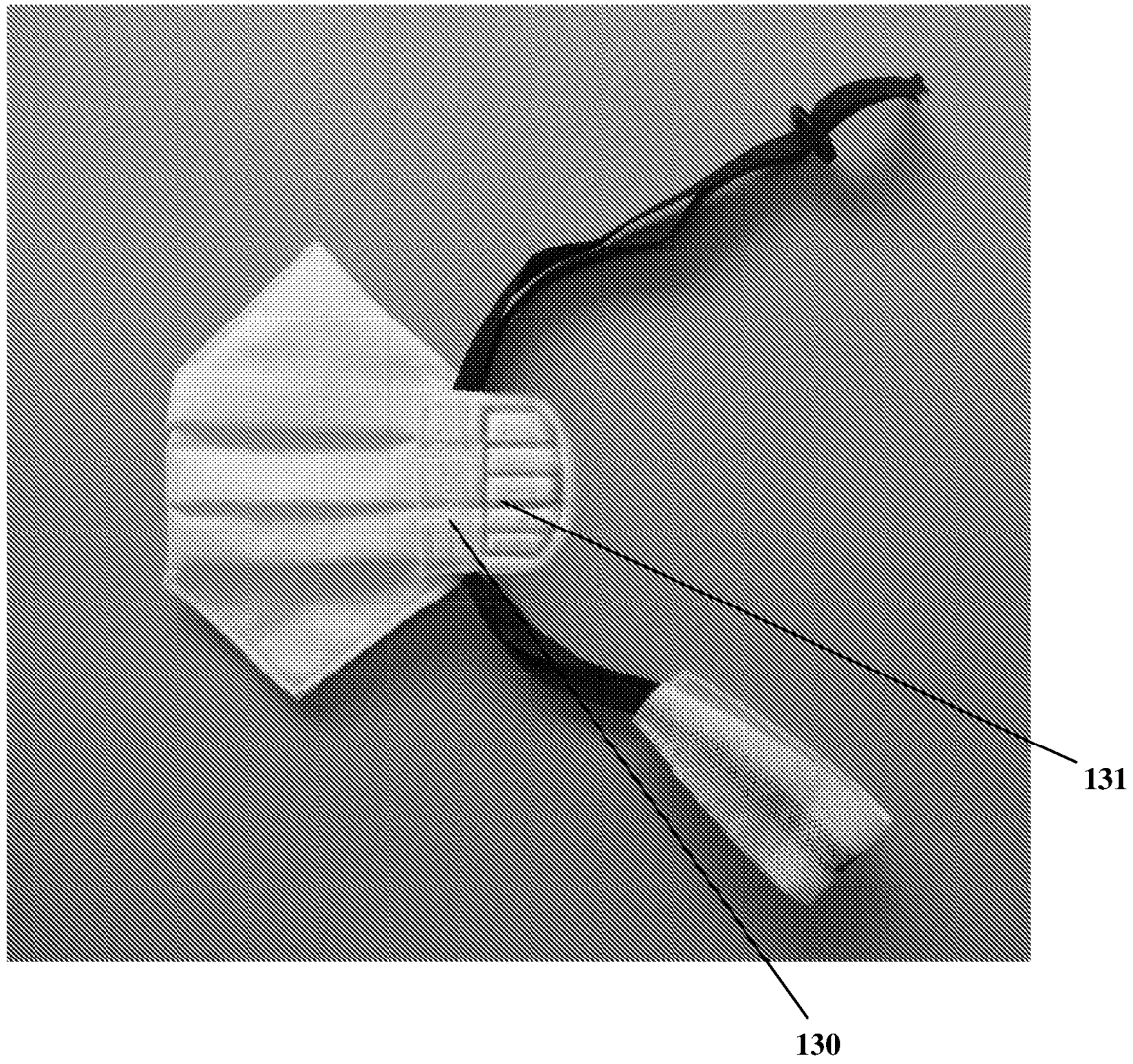


FIG. 15

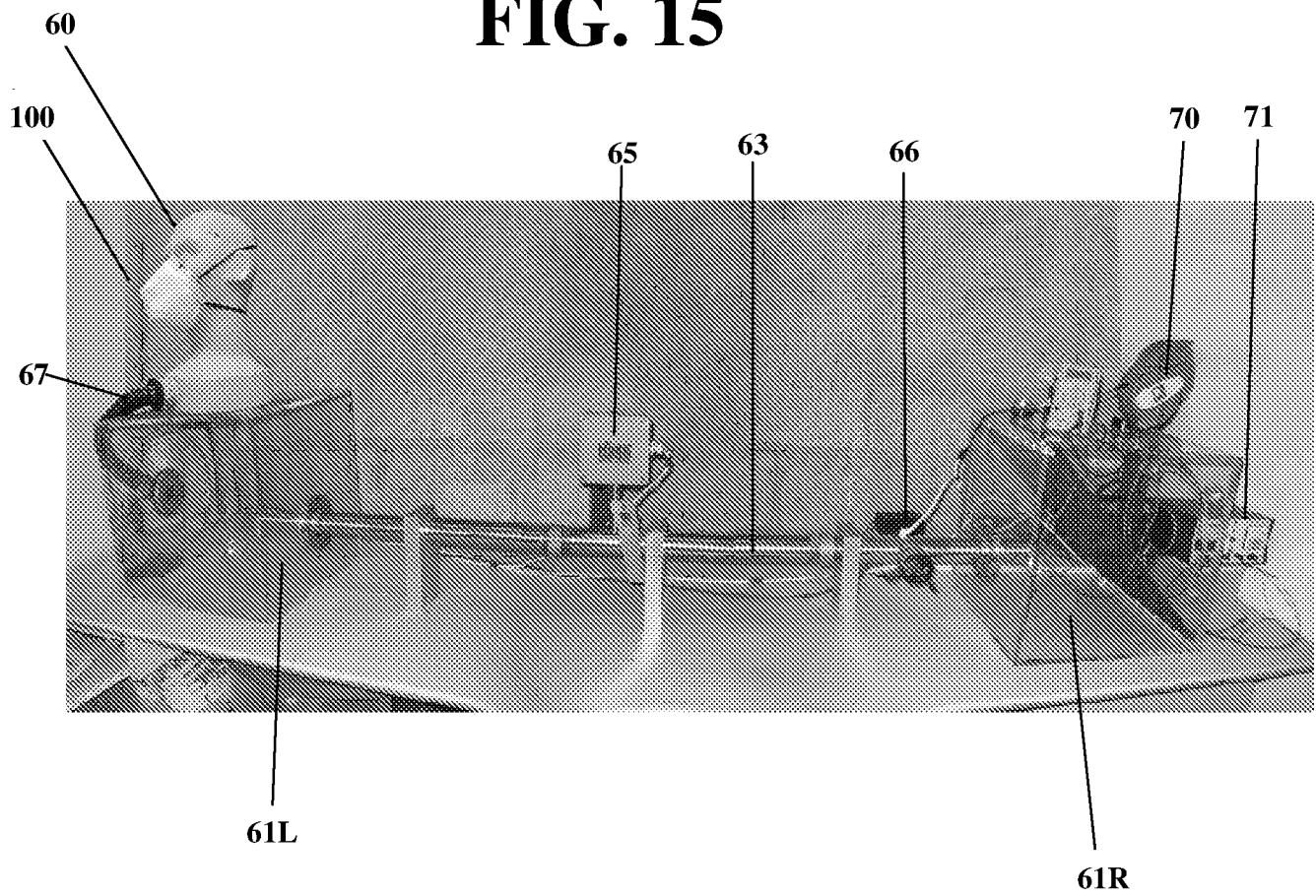


FIG. 16

