

FIG. 1



Prior Art

FIG. 2A

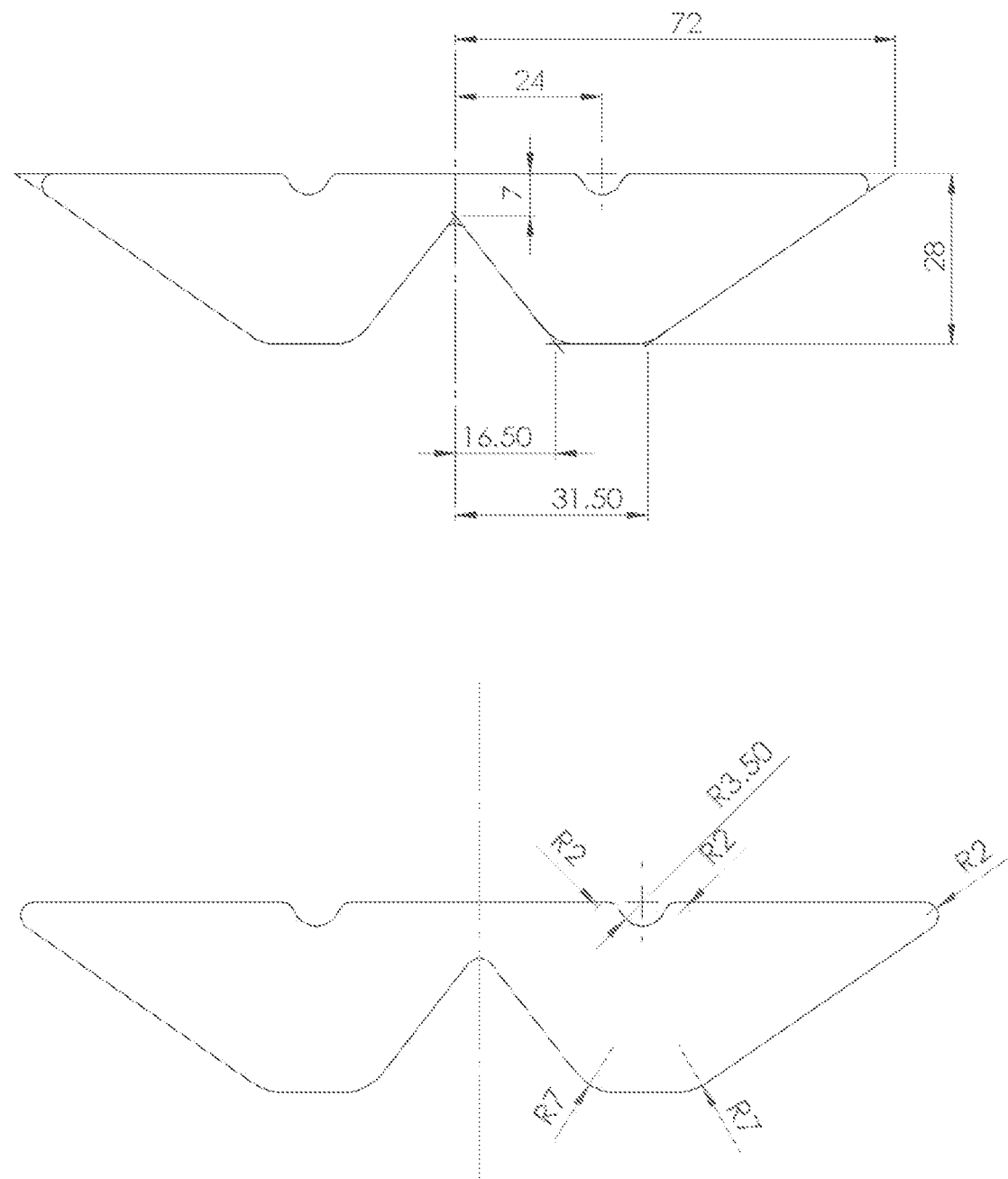
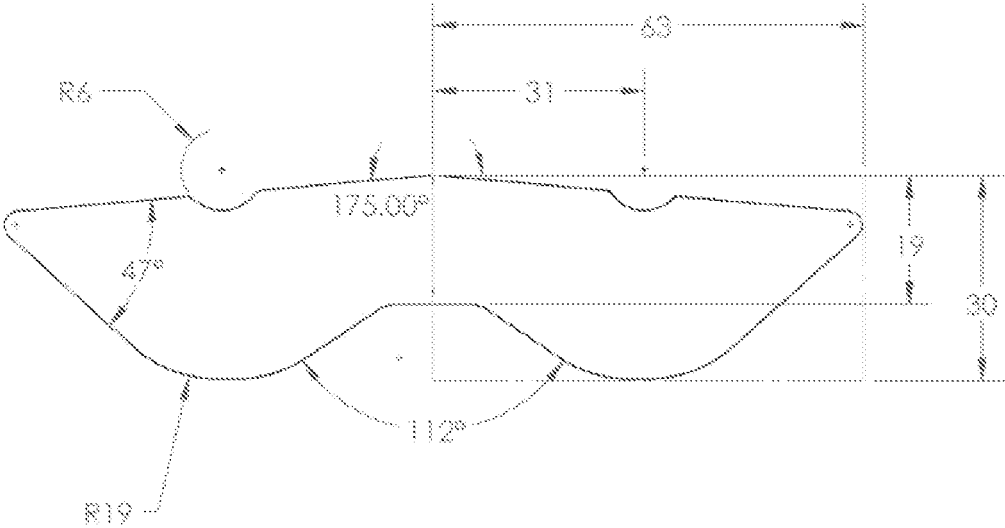


FIG. 2B



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FIG. 3a

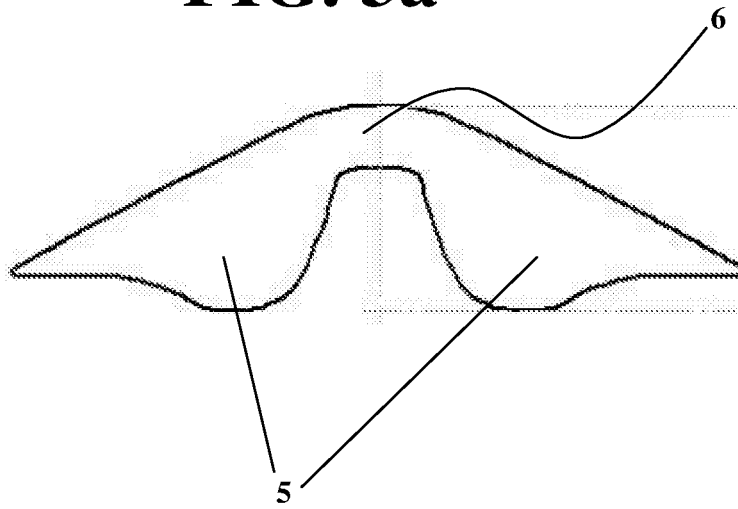
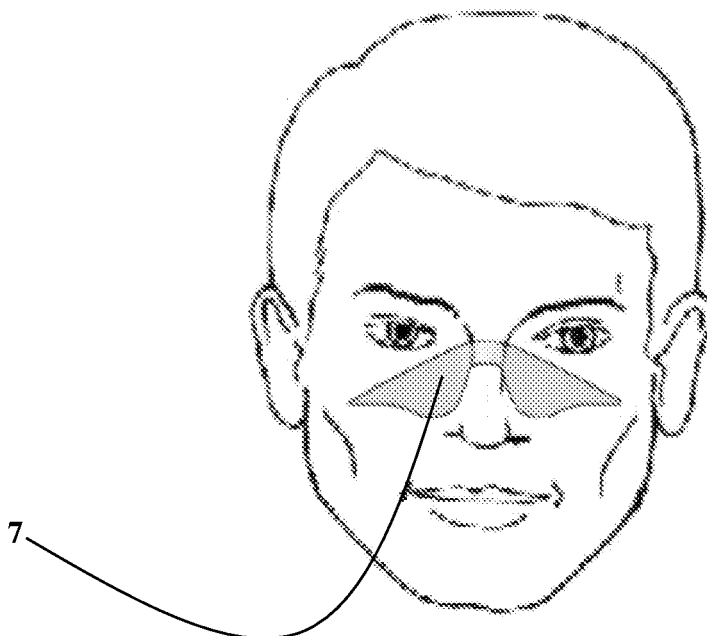


FIG. 3b



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FIG. 4A

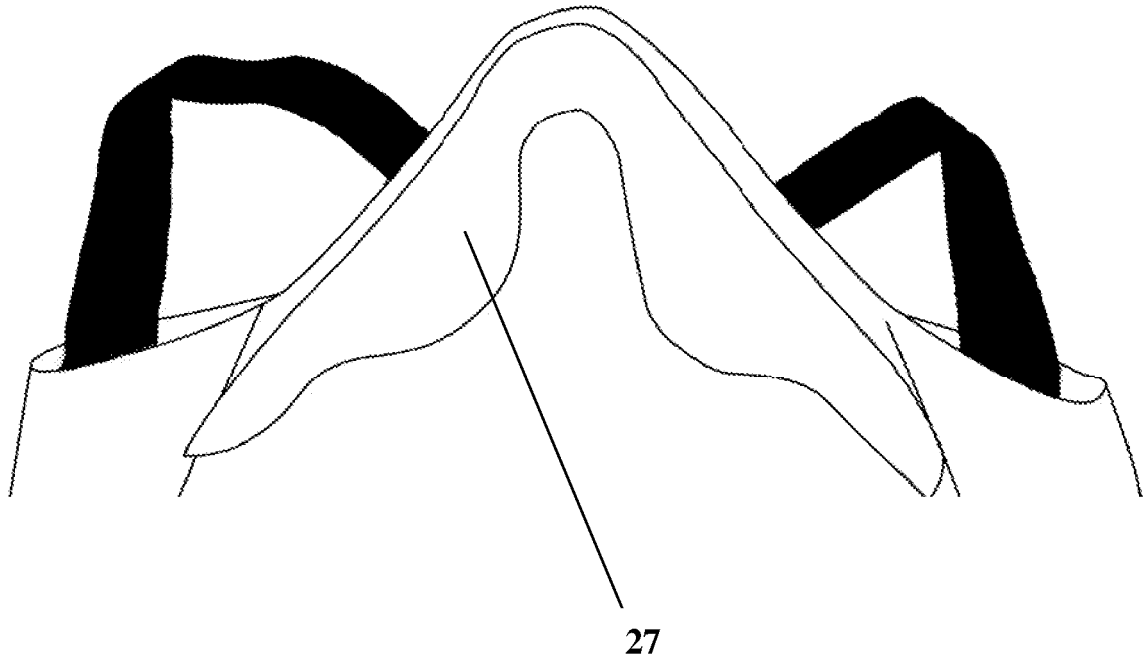


FIG. 4B

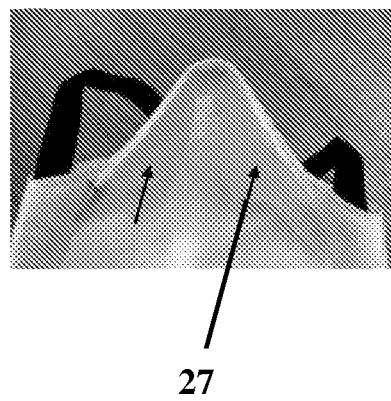


FIG. 5A

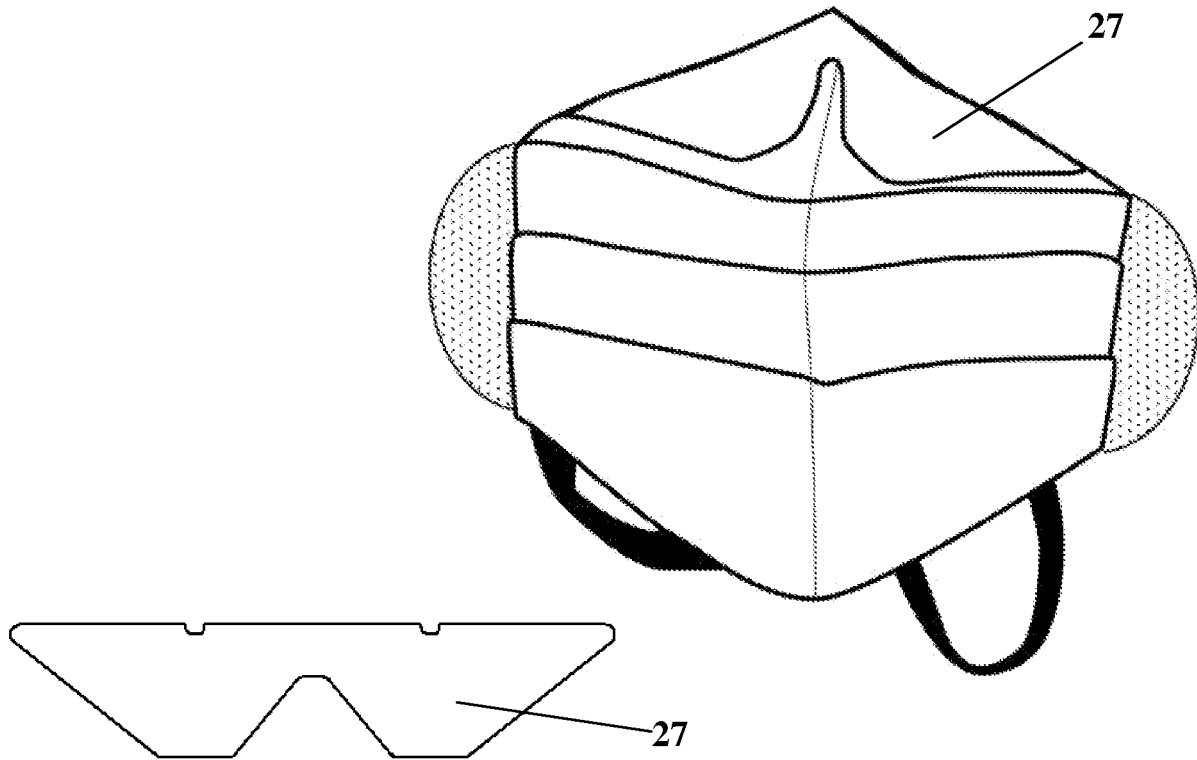


FIG. 5B

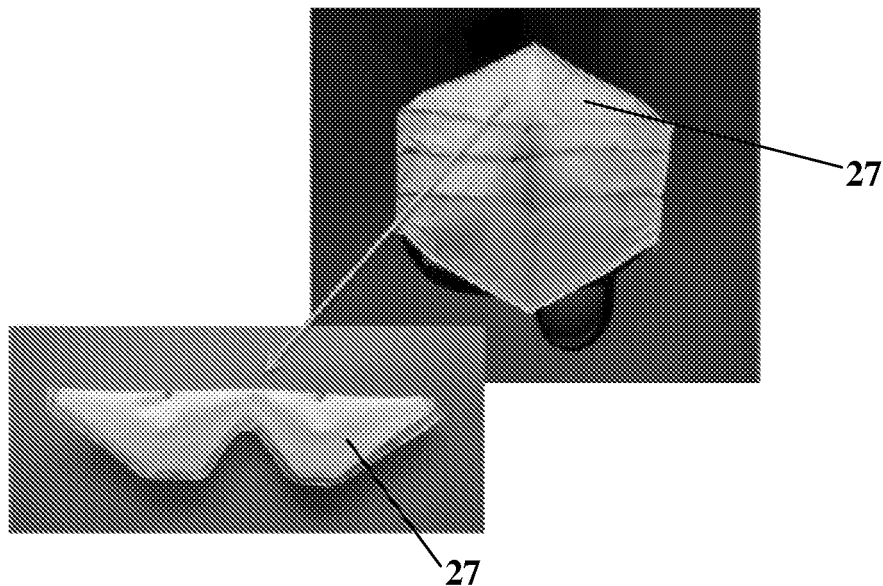


FIG. 5C

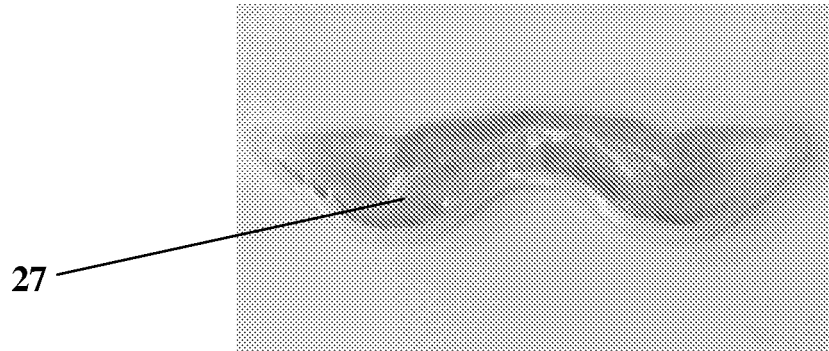


FIG. 5D

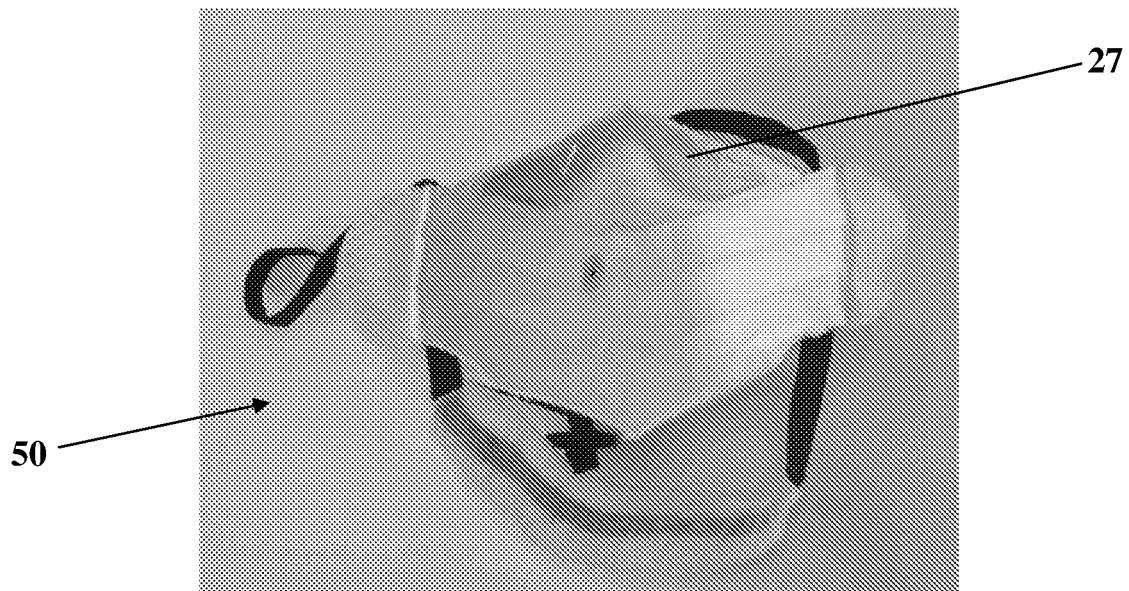


FIG. 6

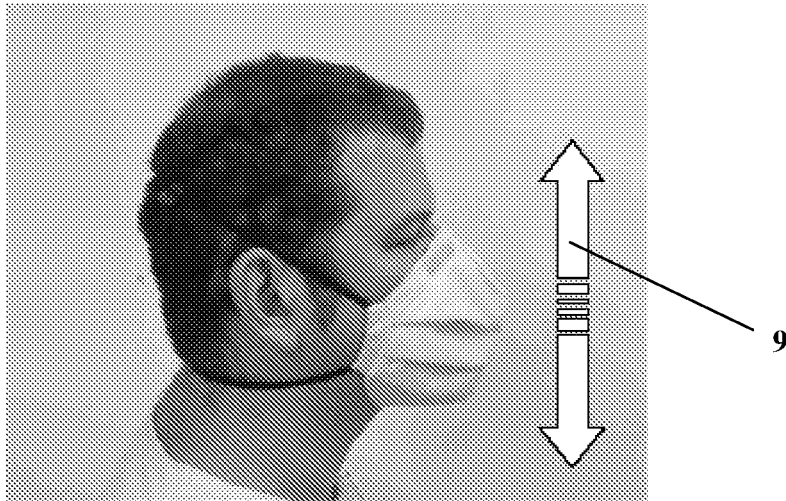


FIG. 7a

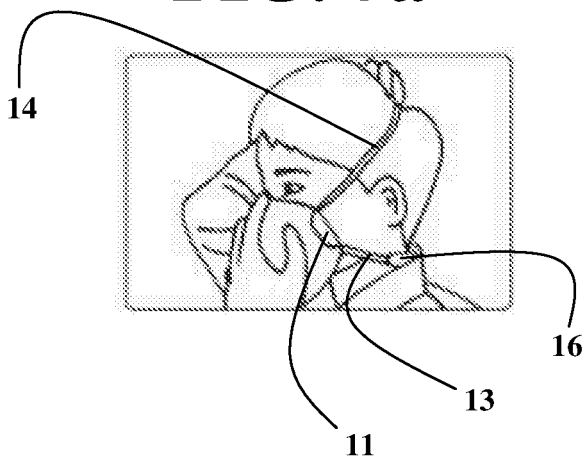
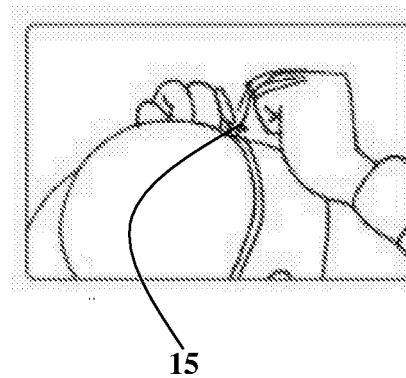


FIG. 7b



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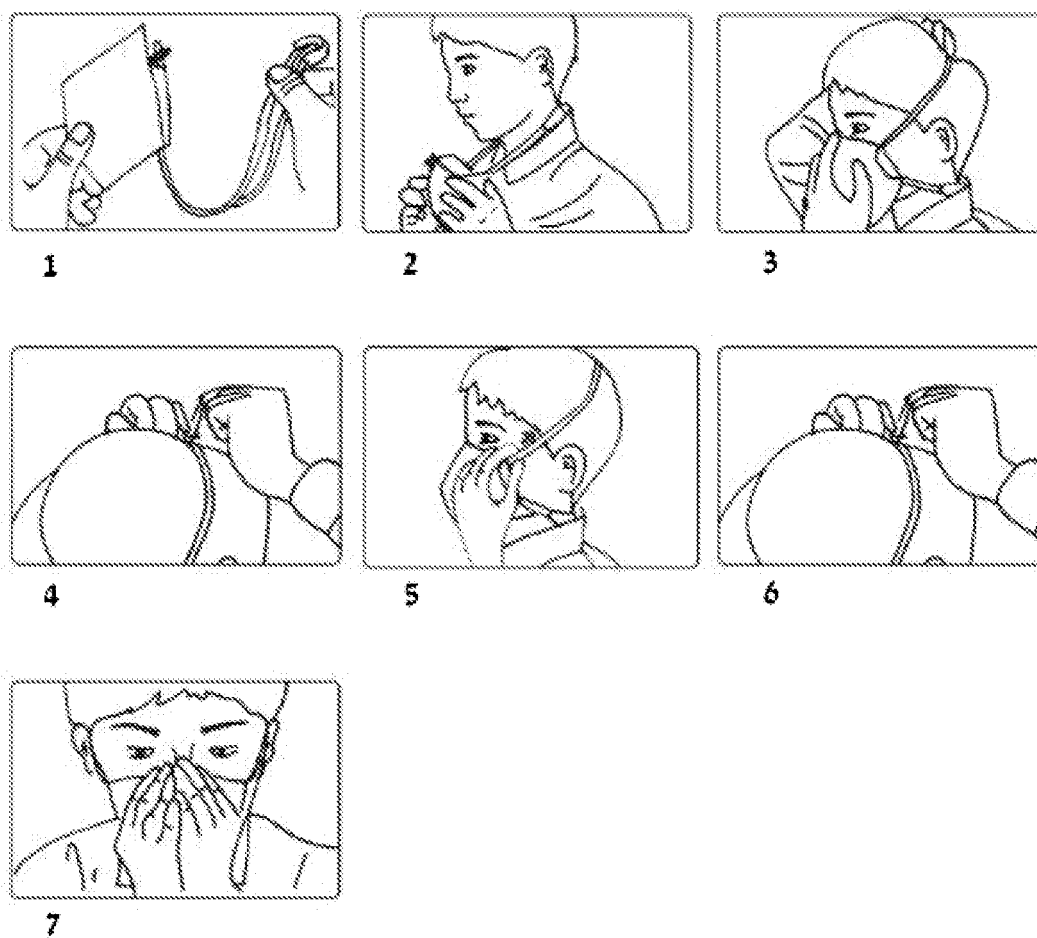
FIG. 8



Prior Art

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FIG. 9



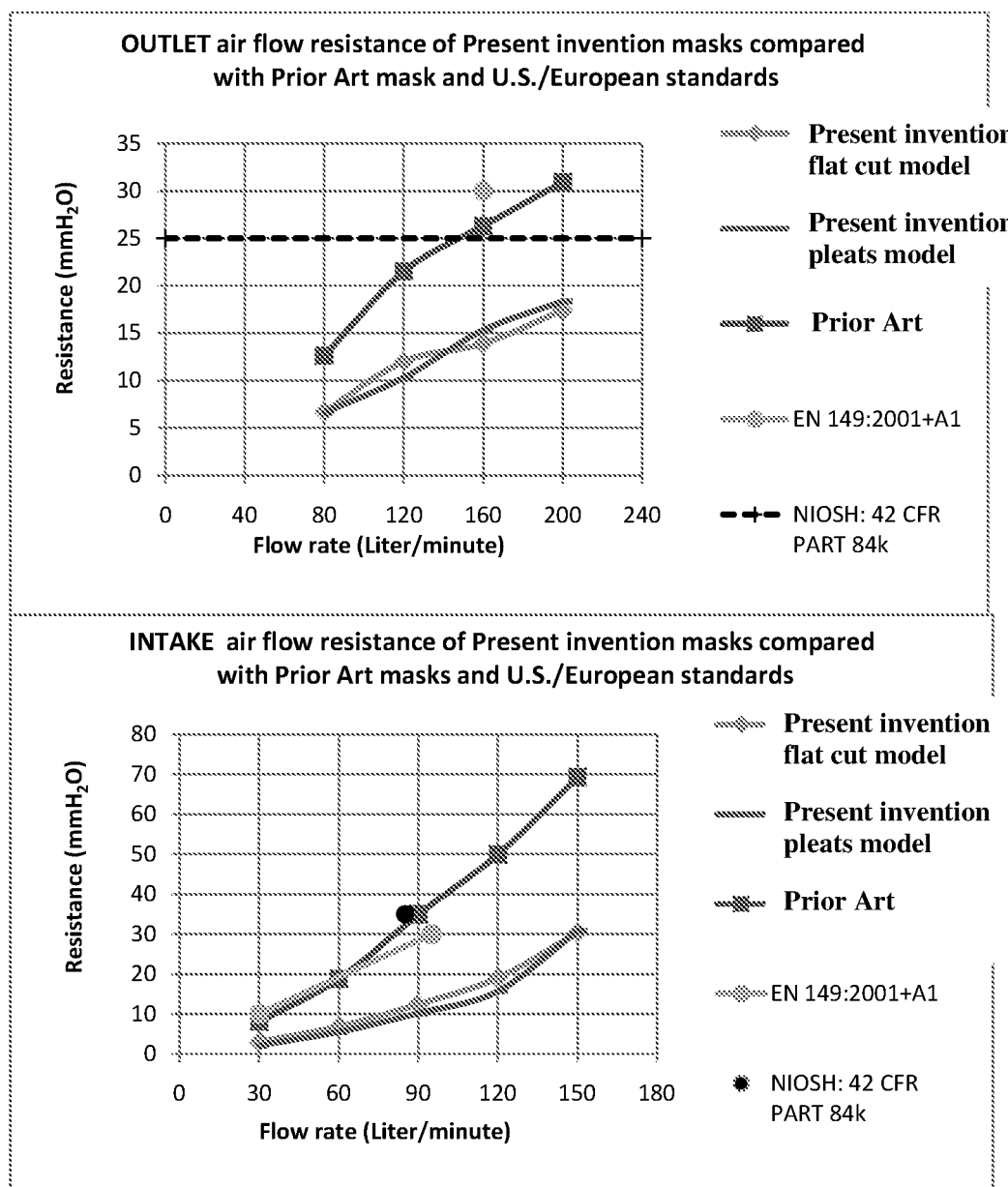
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FIG. 10

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	-	-

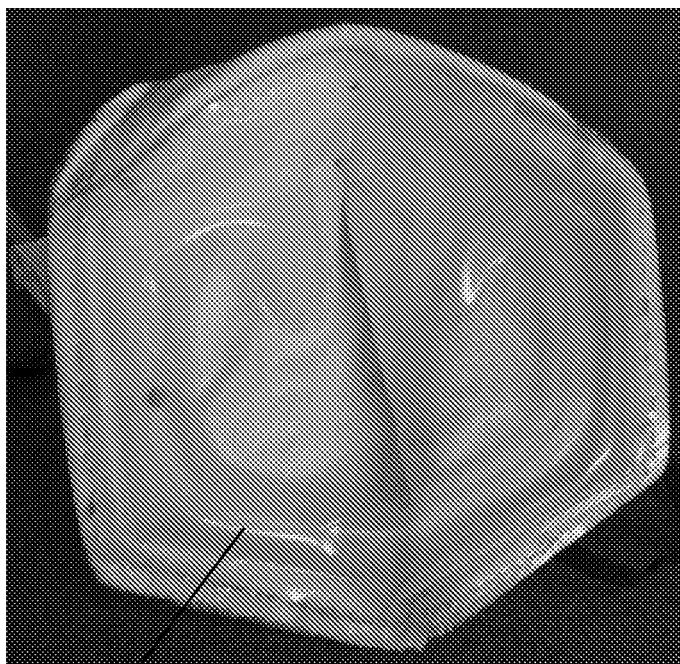
Protection Factor (FIT factor) results obtained with PORTACOUNT Pro Plus 8038

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

FIG. 11

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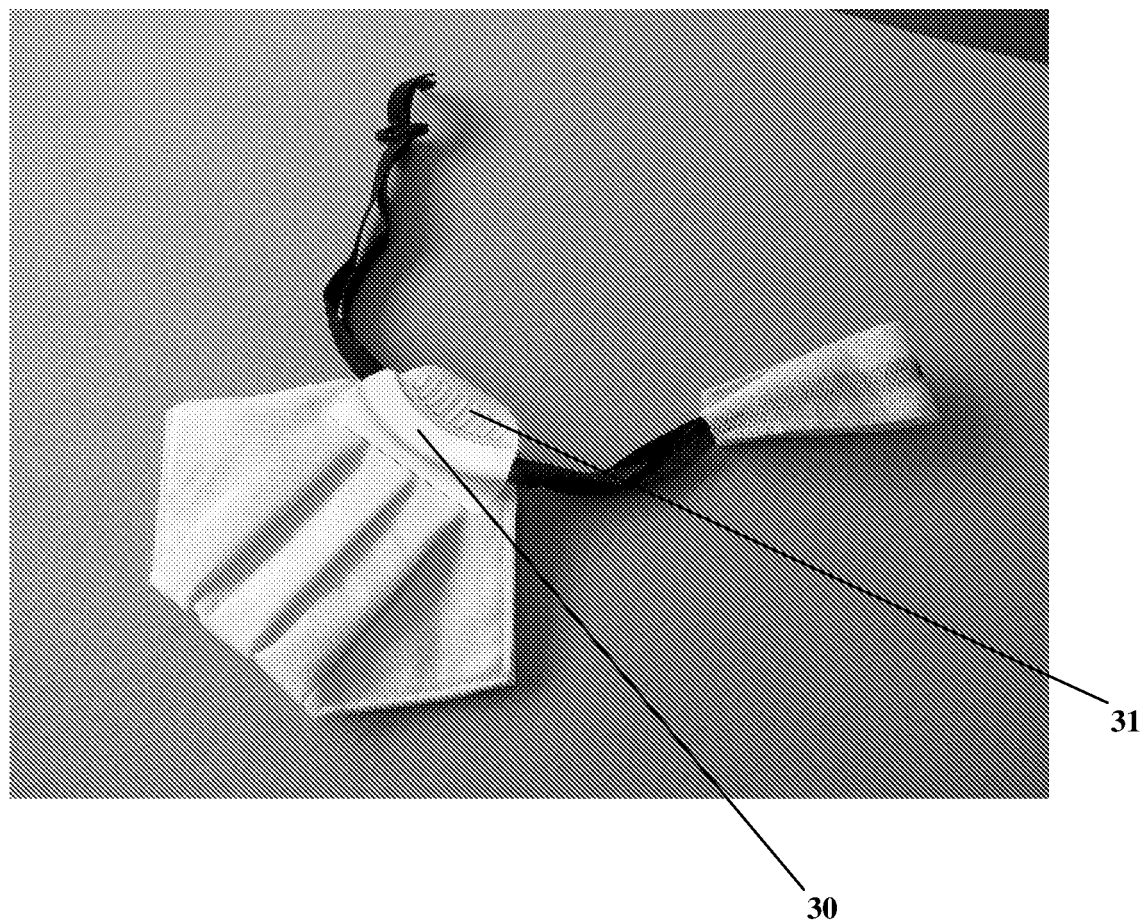
FIG. 12



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FIG. 13



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FIG. 14

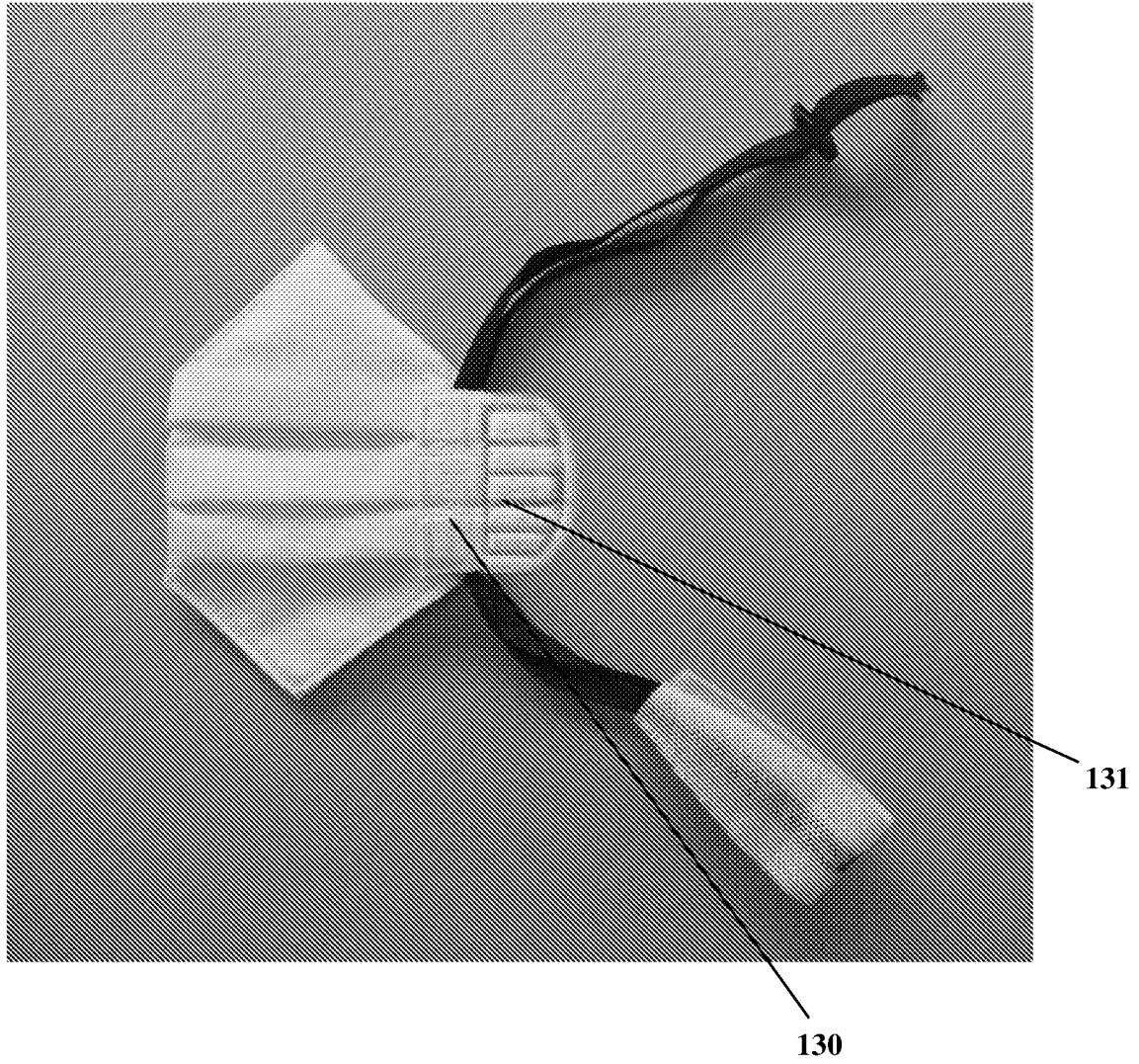
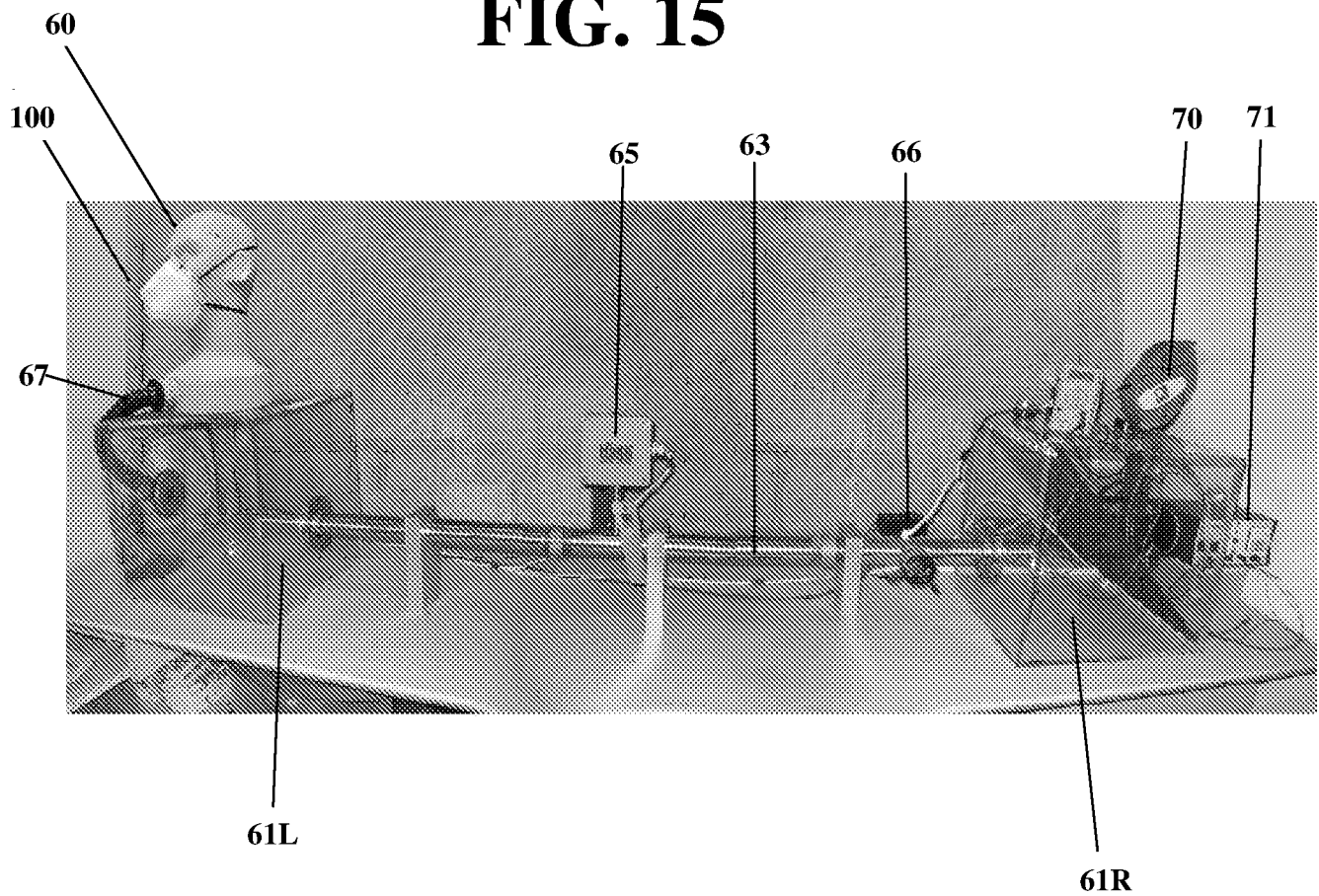


FIG. 15



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FIG. 16

