

Fig. 1

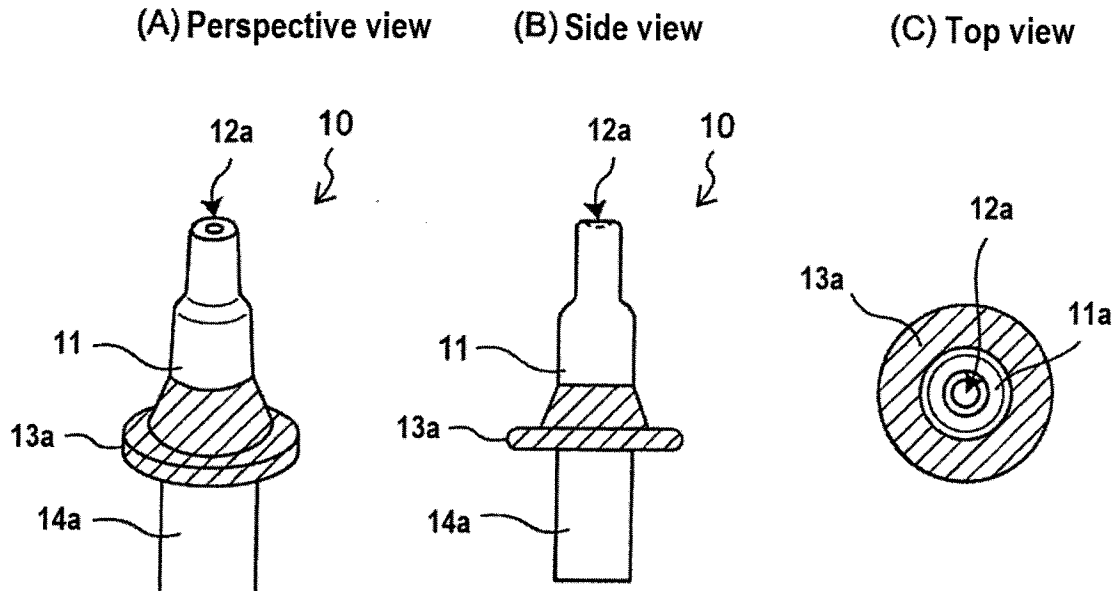


Fig. 2

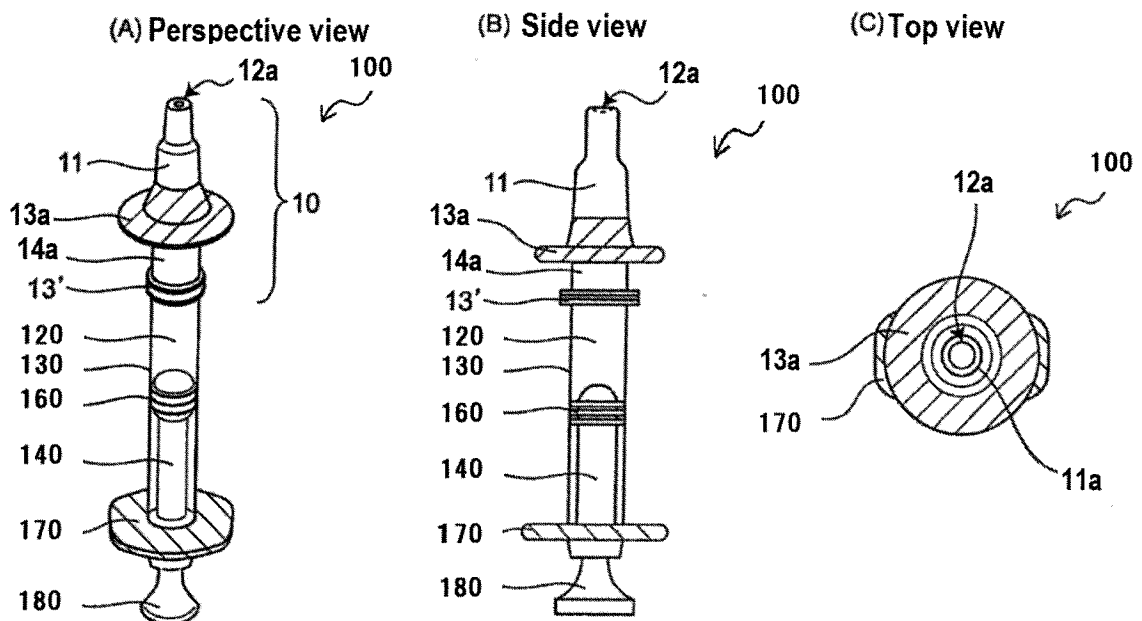


Fig. 3

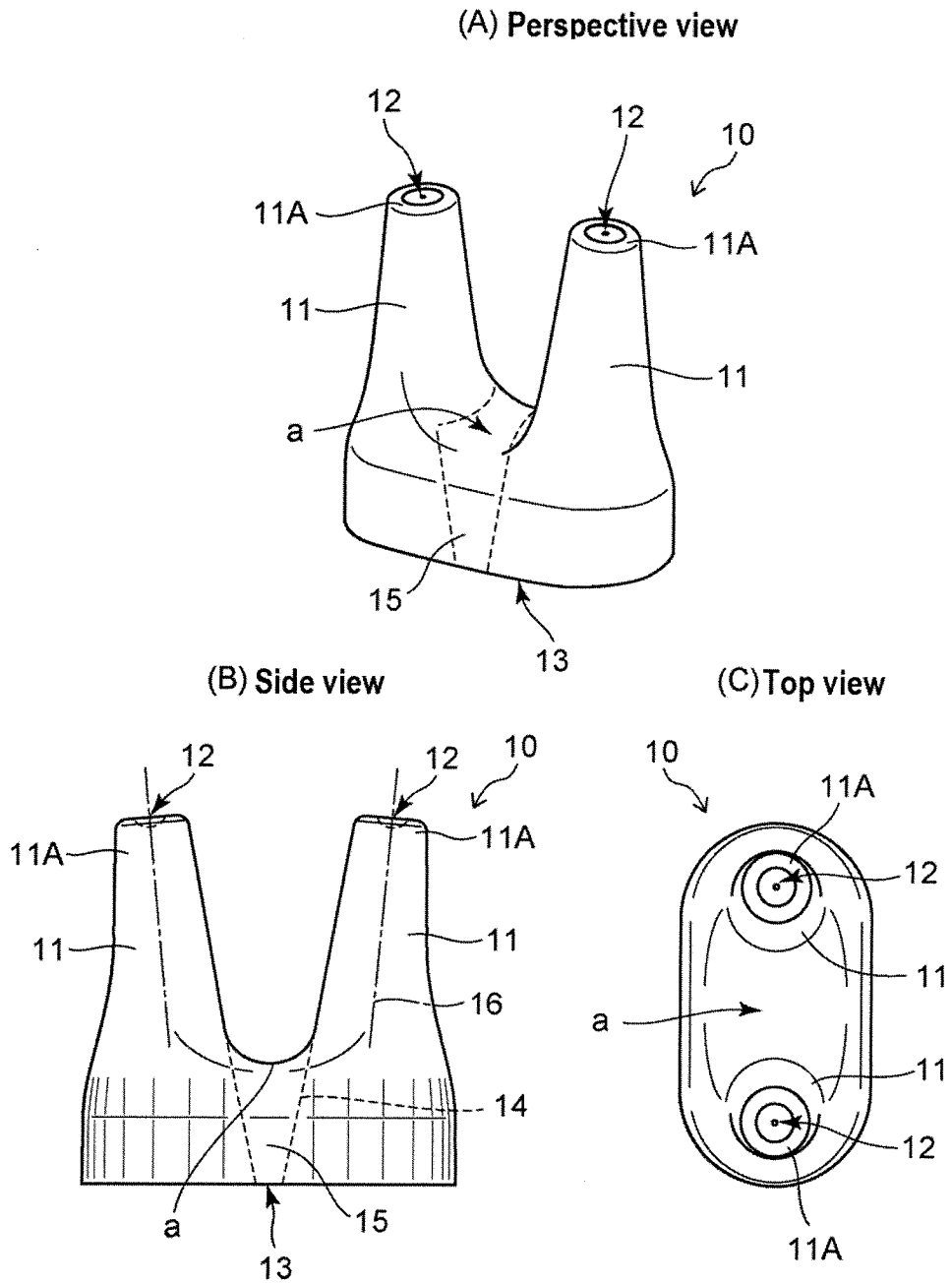


Fig. 4

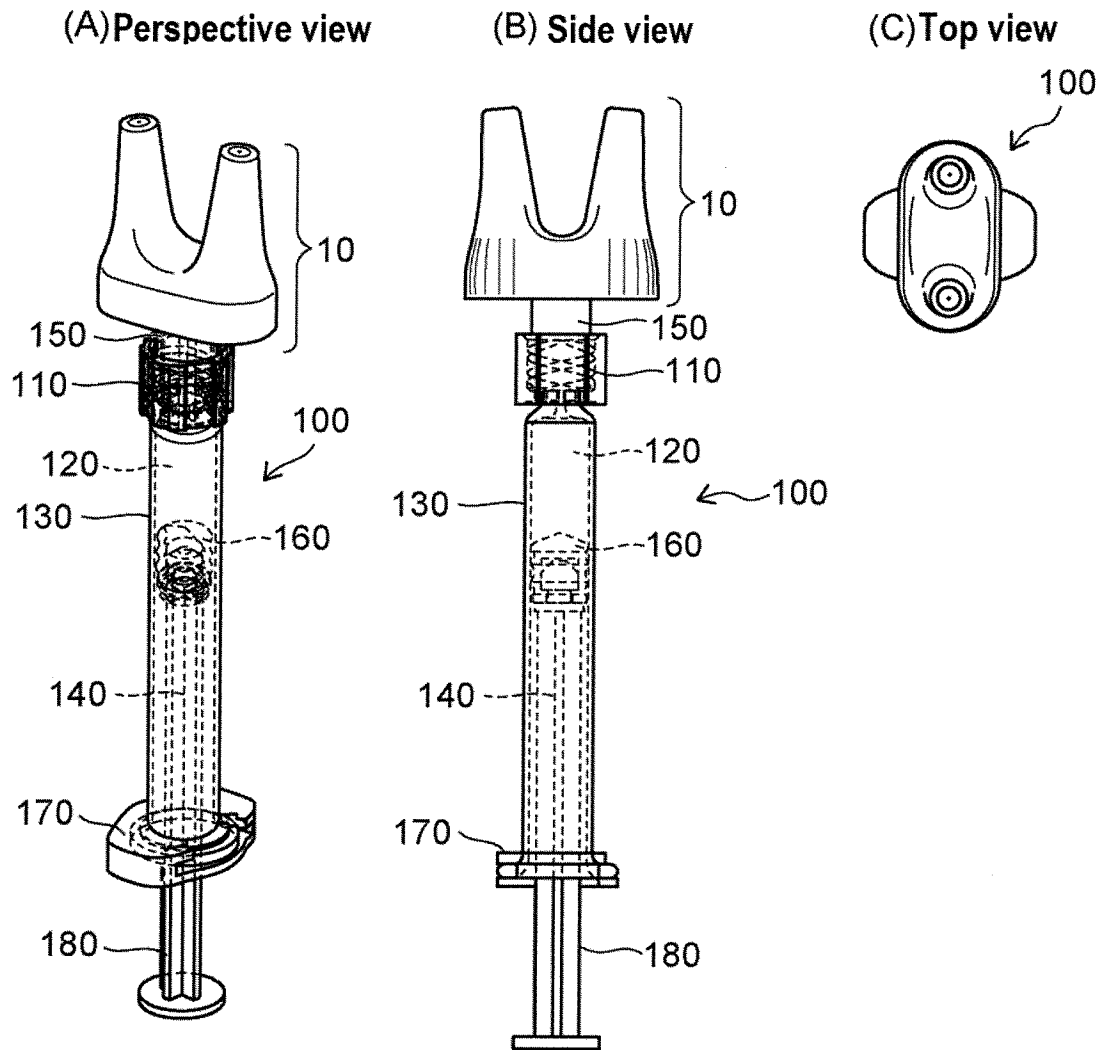


Fig. 5

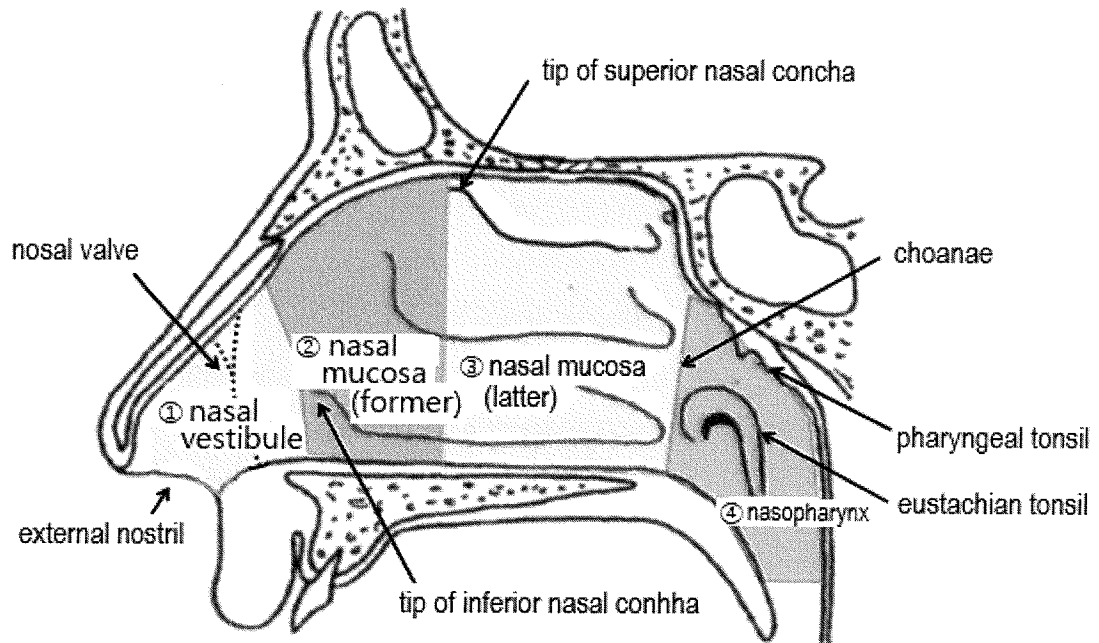


Fig. 6

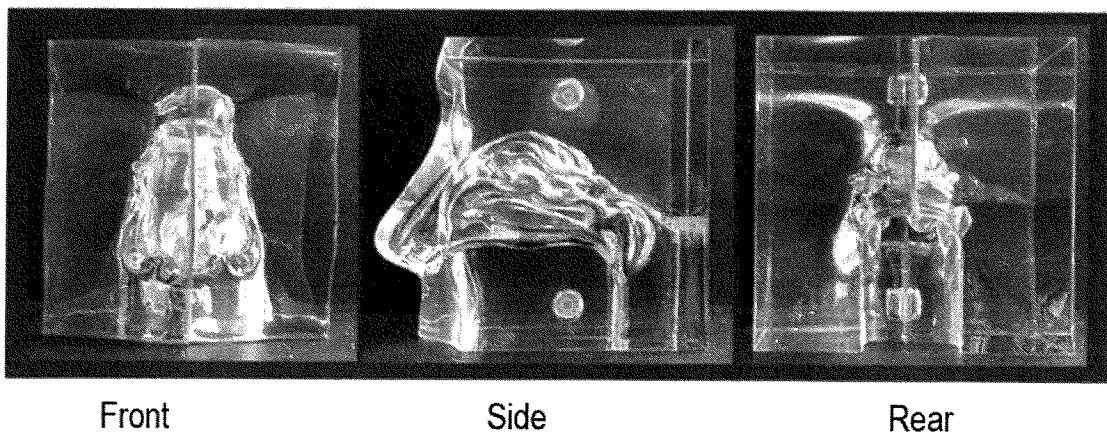


Fig. 7

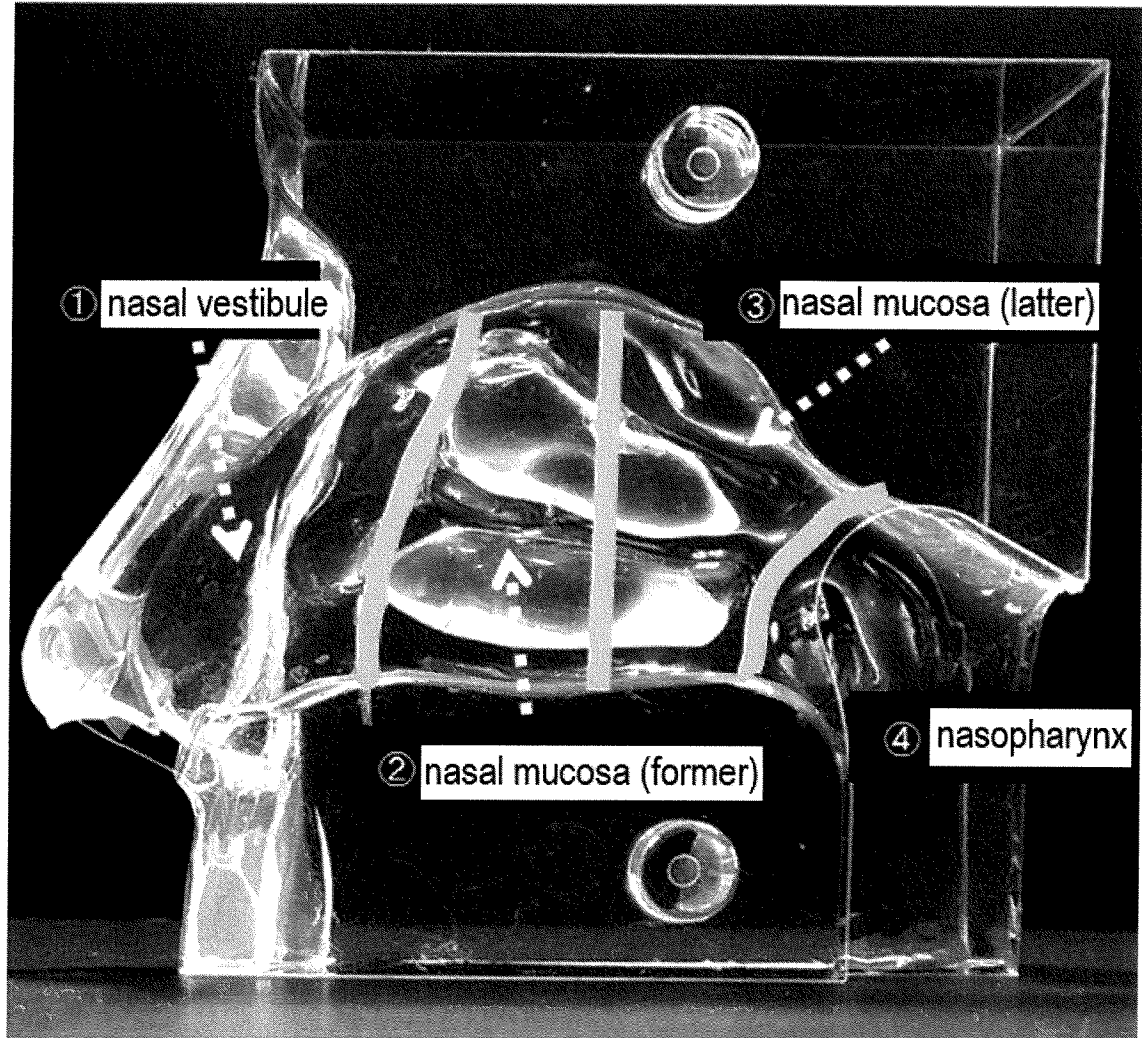


Fig. 8

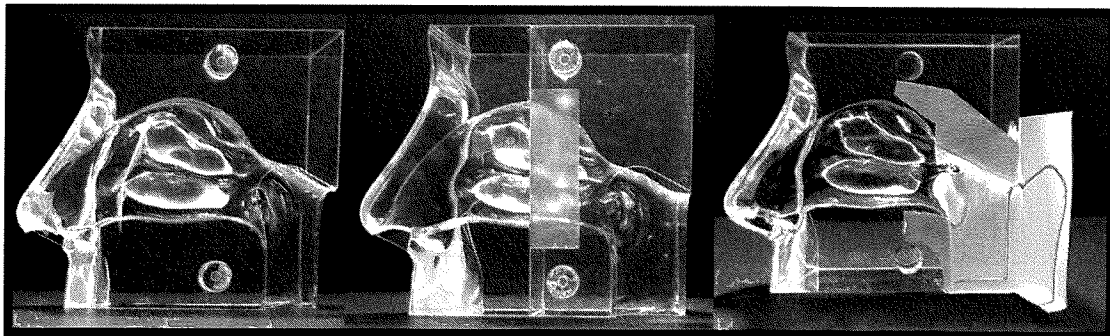


Fig. 9

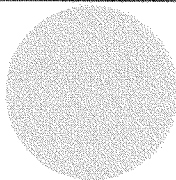
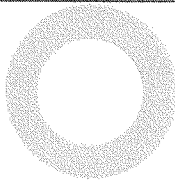
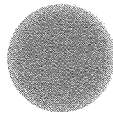
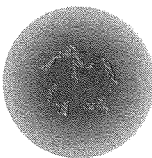
Classification	full-cone uniform distribution	hollow-cone circular distribution	full-cone uniform distribution	full-cone mountain-shape distribution	solid
Spray pattern top view					
	full-cone	hollow-cone	full-cone	full-cone	solid
Spray pattern (droplet distribution) side view					
	uniform distribution	circular distribution	uniform distribution	mountain-shape distribution	solid

Fig. 10

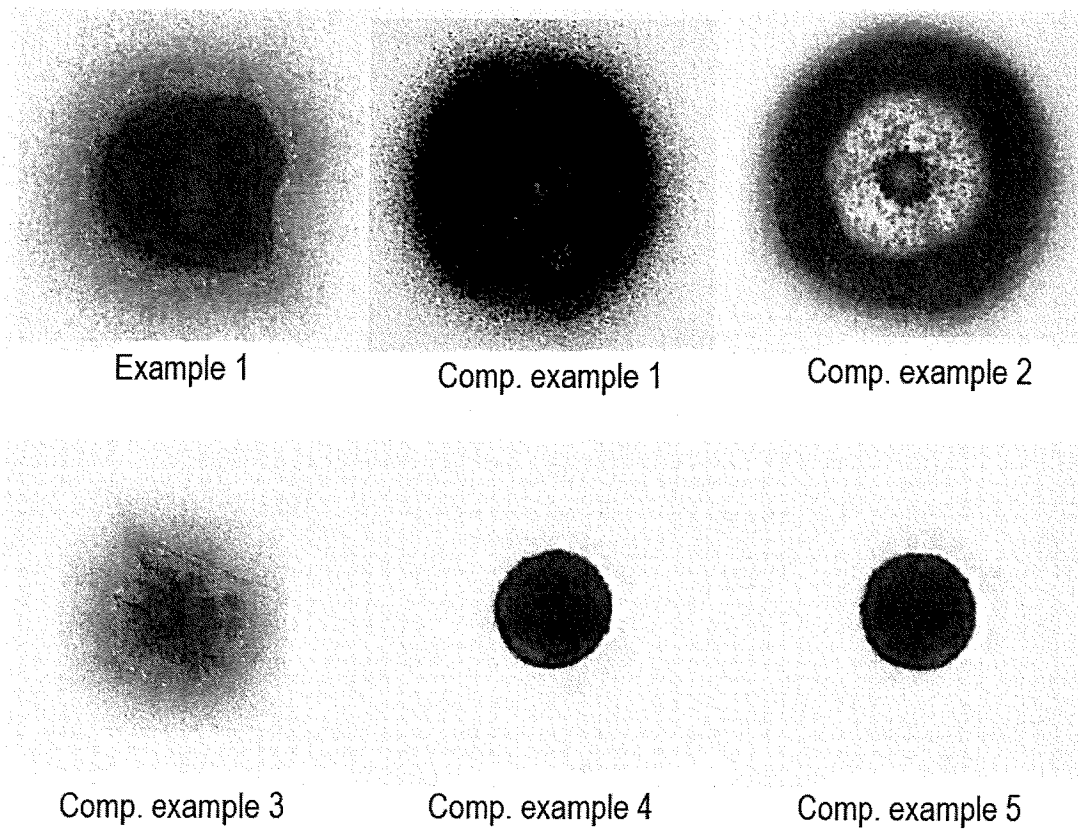
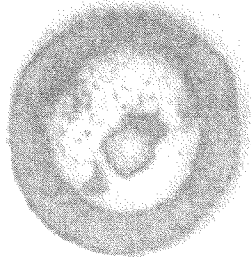
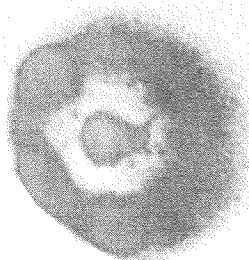


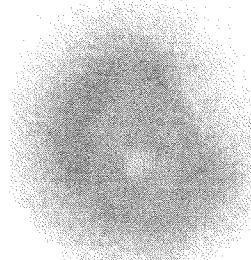
Fig. 11



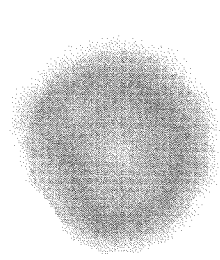
Comp. example 6



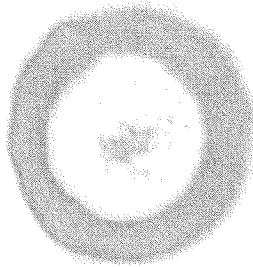
Comp. example 7



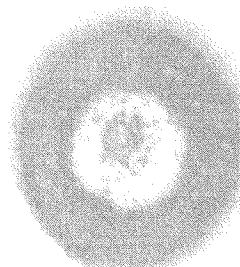
Comp. example 8



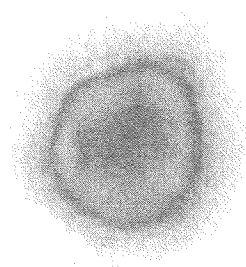
Comp. example 9



Comp. example 10

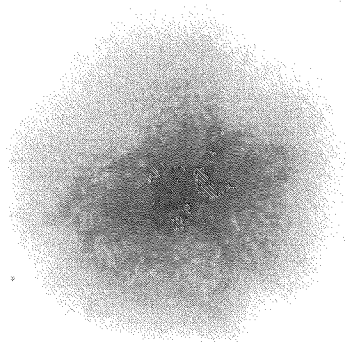


Comp. example 11

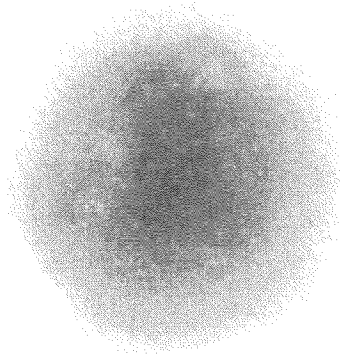


Example 2

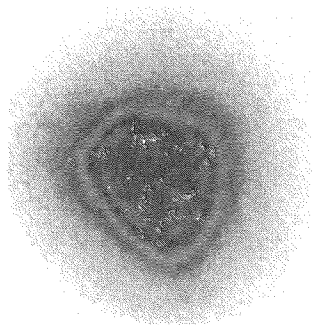
Fig. 12



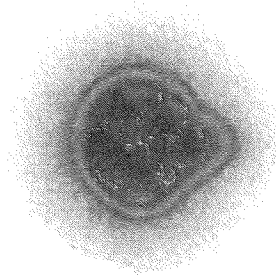
Comp. example 12



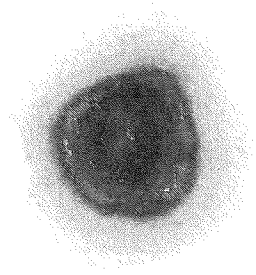
Comp. example 13



Example 3

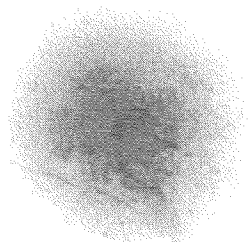


Example 4

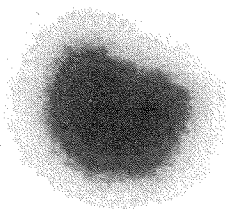


Example 5

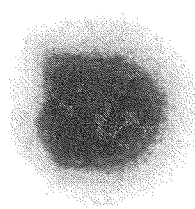
Fig. 13



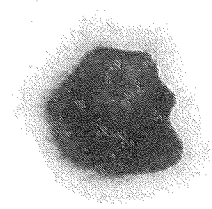
Comp. example 14



Example 6

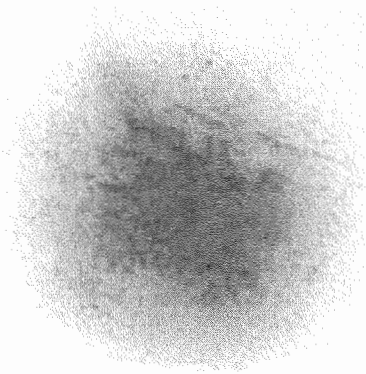


Example 7

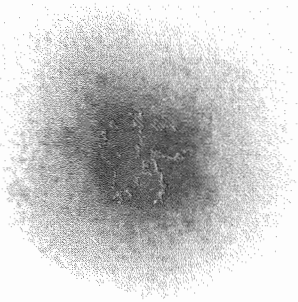


Example 8

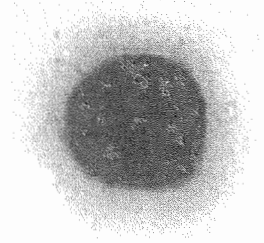
Fig. 14



Comp. example 15

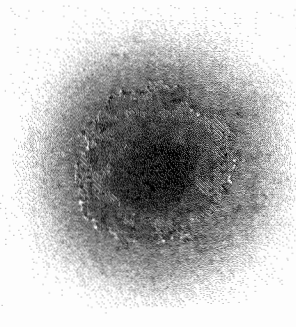


Example 9

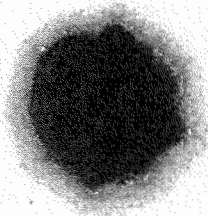


Example 10

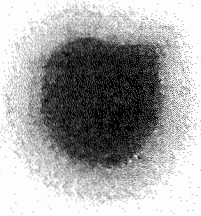
Fig. 15



Comp. example 16



Example 11



Example 12

Fig. 16

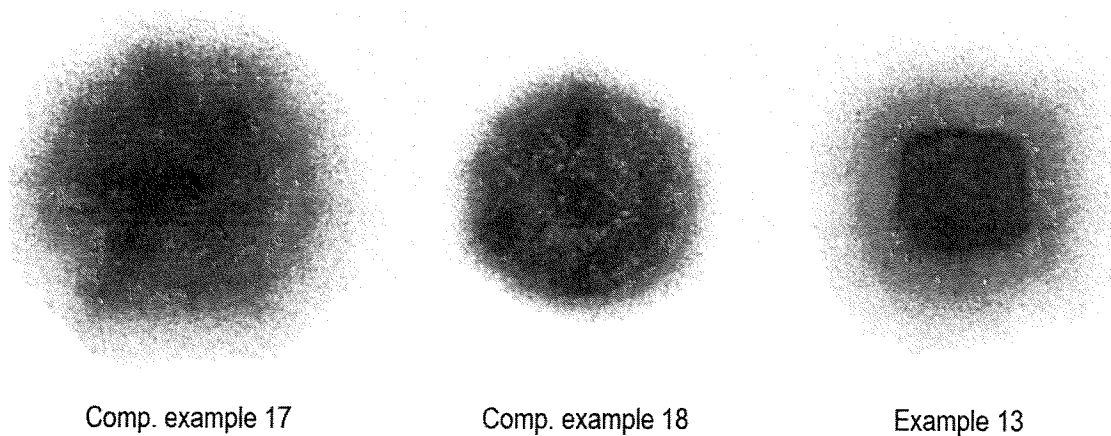


Fig. 17

	Example 1	Comp. example 1	Comp. example 2	Comp. example 3	Comp. example 4
Spray plume shape					
Spray angle	50°	56°	56°	35°	
Plume height	177 mm	172 mm	100 mm	175 mm	
20 mm peak width	25 mm	32 mm	30 mm	18 mm	
85 mm peak width	68 mm	88 mm	104 mm	41 mm	
Distribution of liquid particle size					
< 10 μm	1.3%	0.7%	0.9%	0.2%	0.0%
10~100 μm	83.7%	87.5%	72.3%	60.3%	0.5%
100~200 μm	14.9%	12.1%	26.6%	33.1%	7.7%
> 200 μm	0.1%	0.3%	0.2%	6.5%	91.8%
Mean particle size	61.5 μm	58.9 μm	80.4 μm	94.2 μm	468.6 μm

Fig. 18

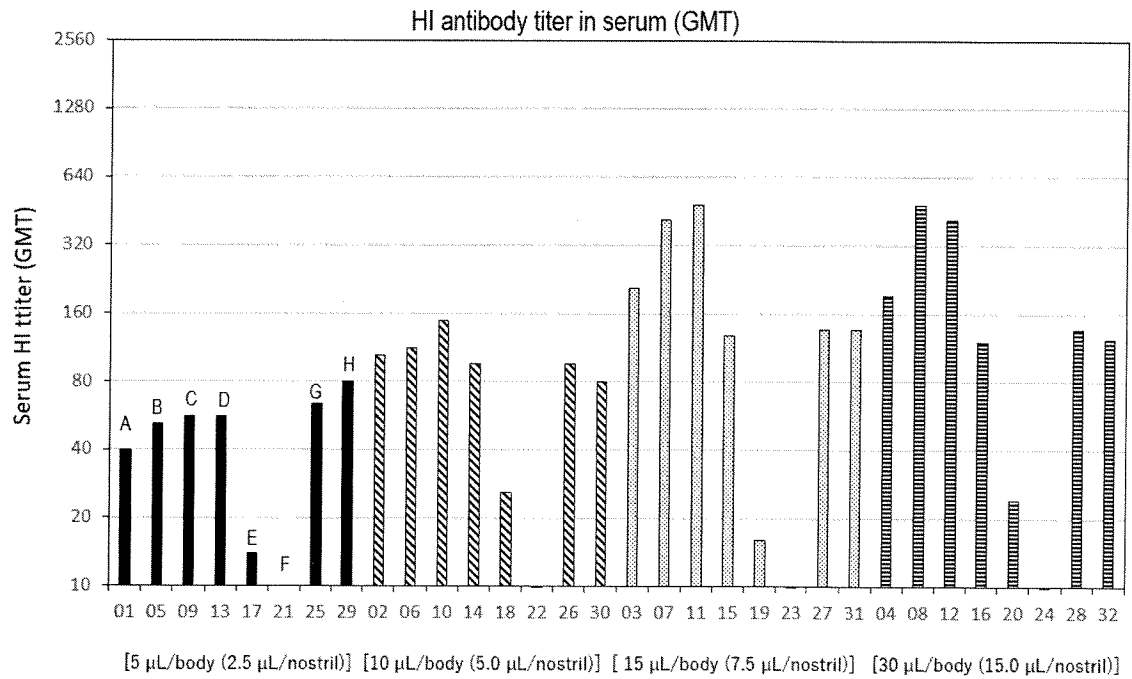


Fig. 19

