

FIG. 1

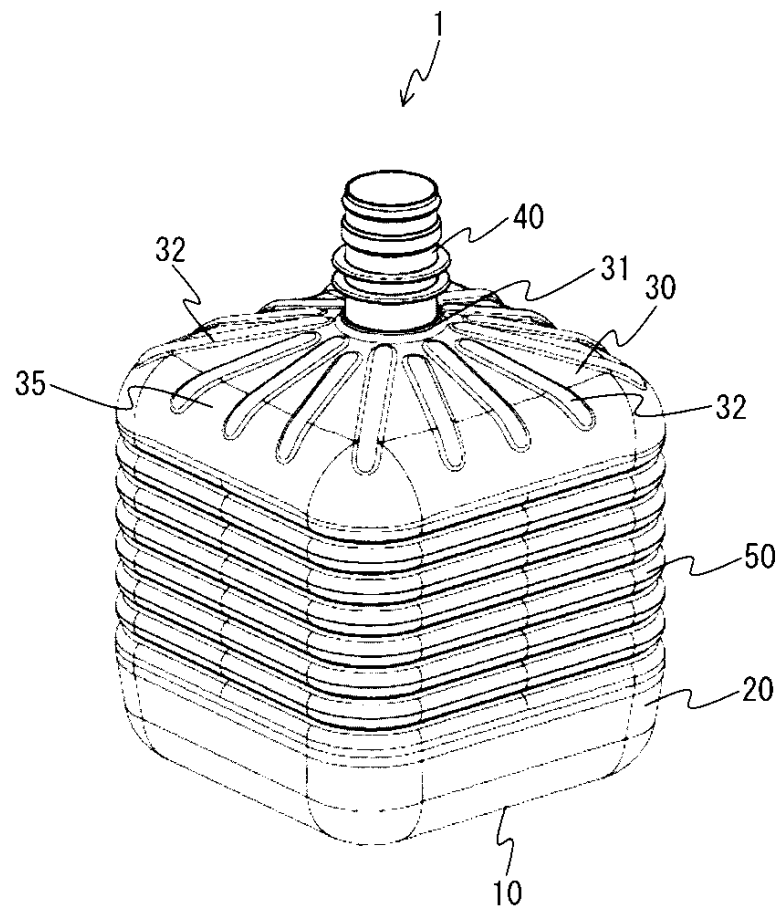


FIG. 2

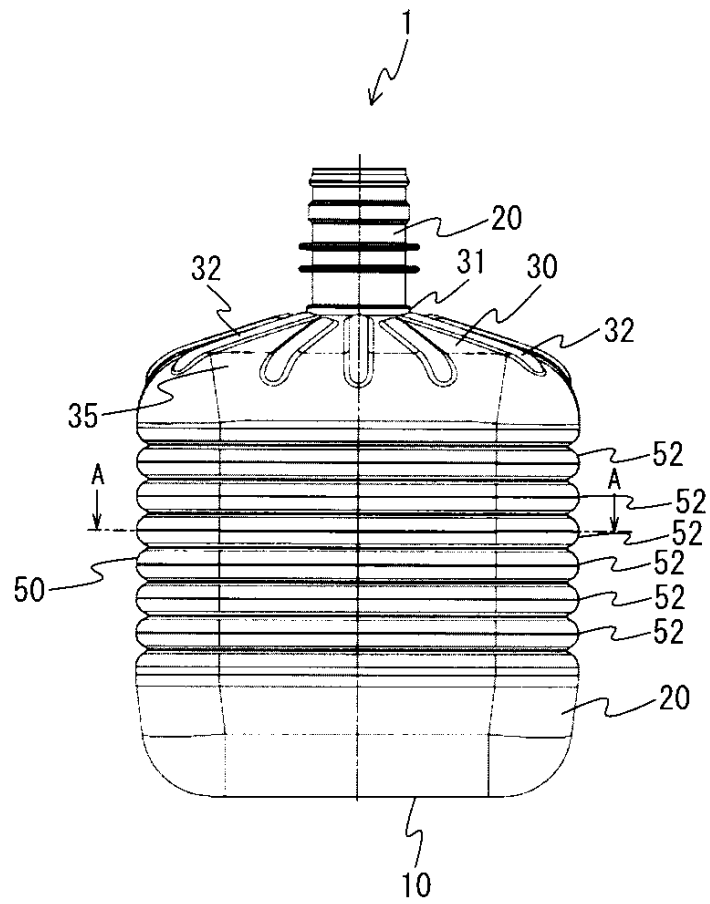


FIG. 3

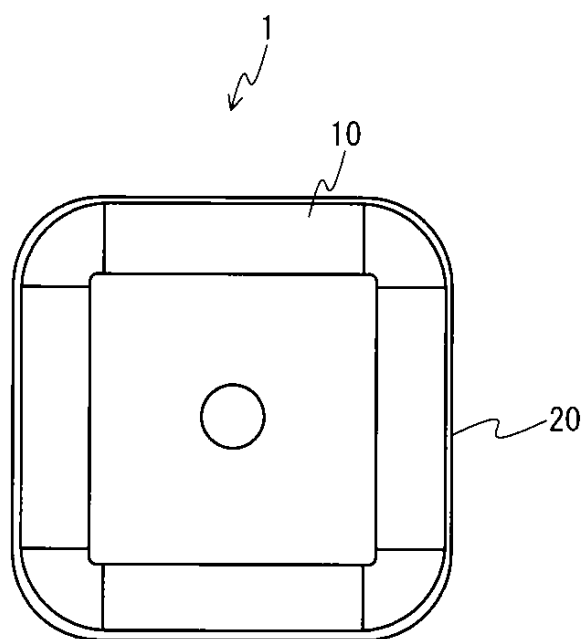


FIG. 4

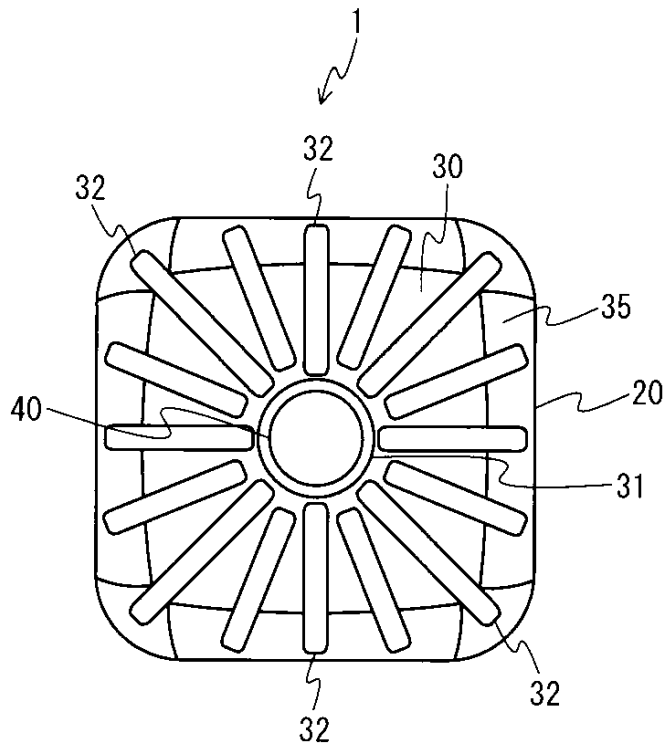


FIG. 5

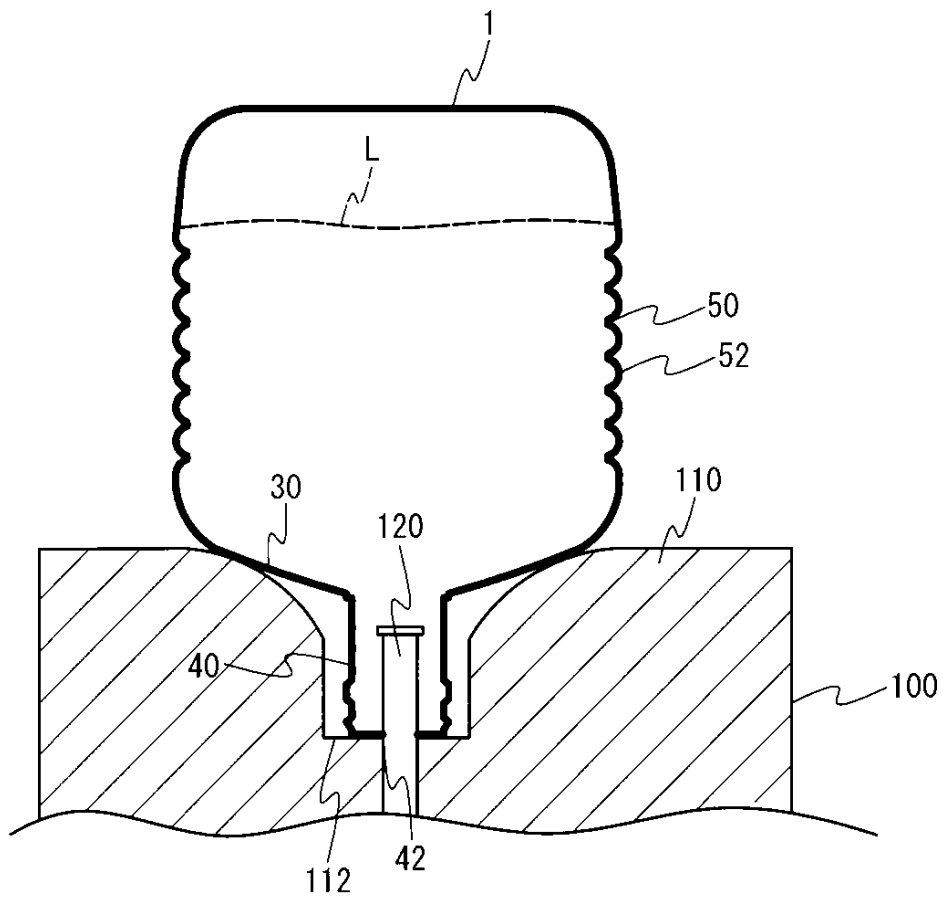


FIG. 6

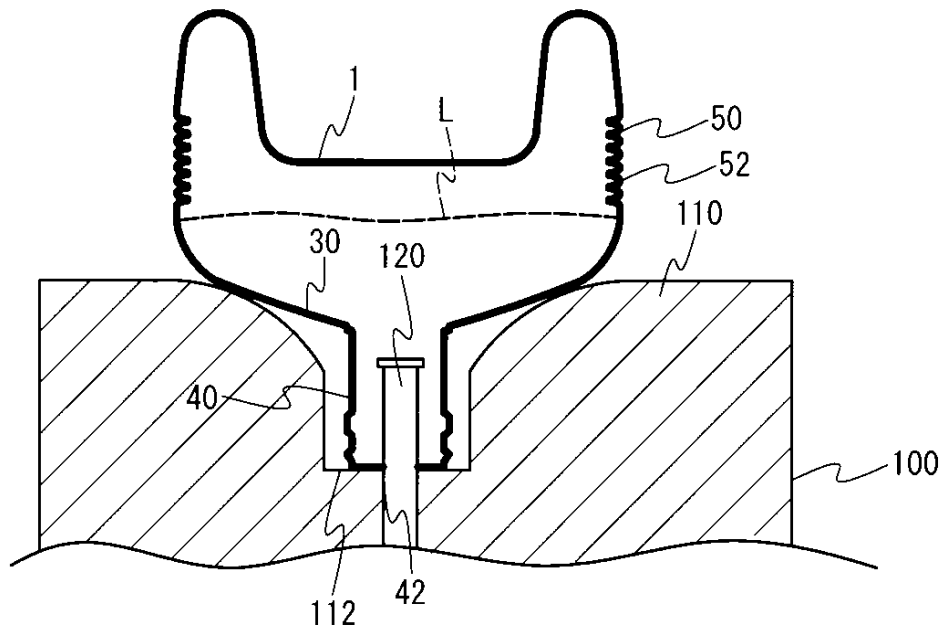


FIG. 7

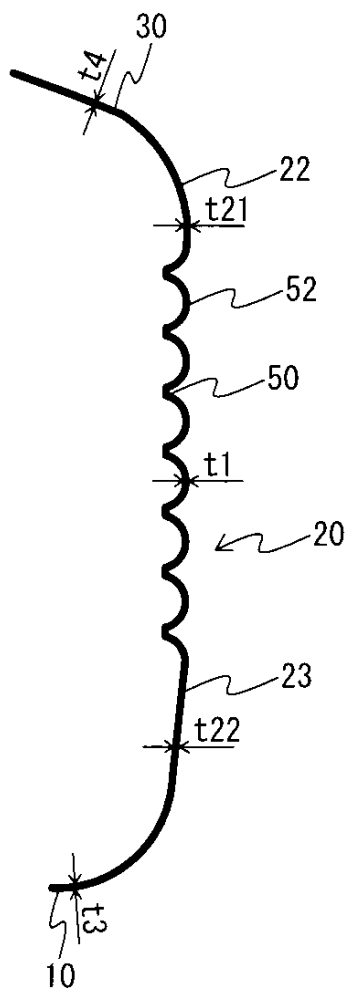


FIG. 8

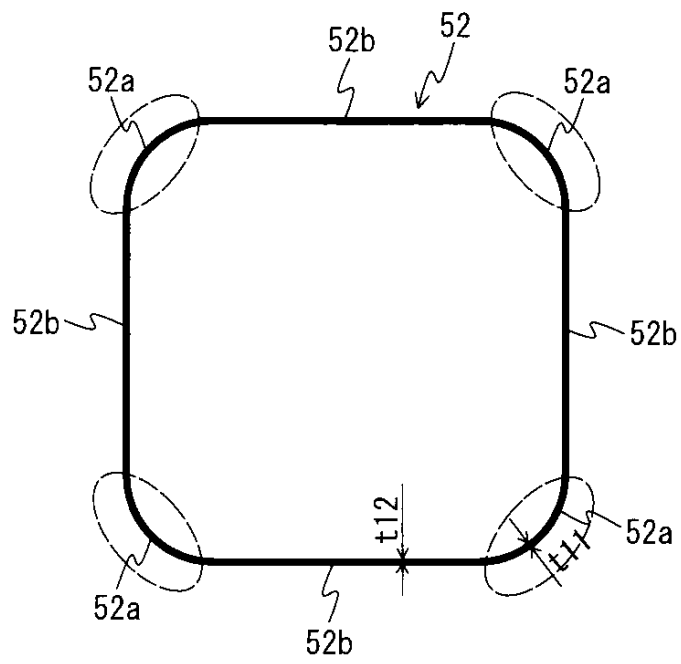


FIG. 9

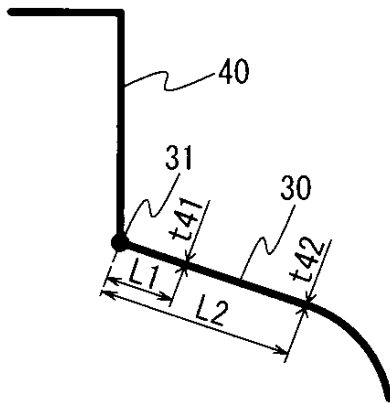


FIG. 10

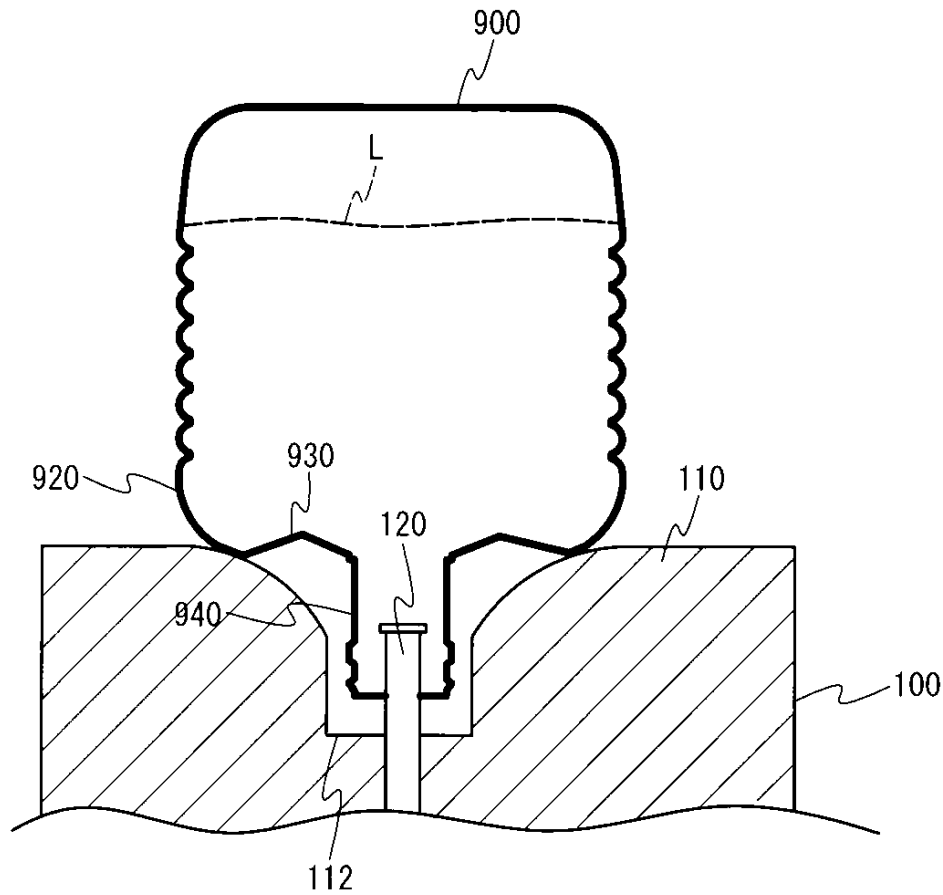


FIG. 11

Bottle	1st-stage bellows		2nd-stage bellows		3rd-stage bellows		4th-stage bellows		5th-stage bellows		6th-stage bellows		Strength evaluation	Residual water evaluation
	Thickness of corner	Thickness of connecting portion	Thickness of corner	Thickness of connecting portion	Thickness of corner	Thickness of connecting portion	Thickness of corner	Thickness of connecting portion	Thickness of corner	Thickness of connecting portion	Thickness of corner	Thickness of connecting portion		
A	0.03	0.08	0.04	0.08	0.04	0.09	0.05	0.10	0.05	0.10	0.05	0.09	×	○
B	0.04	0.08	0.05	0.08	0.04	0.09	0.06	0.10	0.08	0.10	0.05	0.10	×	○
C	0.05	0.09	0.05	0.09	0.05	0.10	0.06	0.10	0.05	0.10	0.05	0.10	○	○
D	0.06	0.11	0.06	0.11	0.07	0.11	0.07	0.11	0.07	0.10	0.06	0.10	○	○
E	0.08	0.15	0.08	0.14	0.08	0.13	0.08	0.13	0.08	0.12	0.08	0.12	○	○
F	0.09	0.15	0.09	0.13	0.09	0.13	0.08	0.12	0.08	0.12	0.08	0.12	○	○
G	0.09	0.15	0.10	0.16	0.11	0.16	0.11	0.15	0.11	0.15	0.10	0.14	○	○
H	0.10	0.15	0.11	0.16	0.11	0.16	0.12	0.17	0.11	0.17	0.11	0.16	○	×
I	0.12	0.16	0.11	0.16	0.12	0.18	0.12	0.18	0.12	0.18	0.11	0.17	○	×

FIG. 12

Bottle	Thickness of shoulder portion			Mountability evaluation	Residual water evaluation
	Distance: 30mm	Distance: 55mm	Distance: 80mm		
A	0.40	0.22	0.16	×	×
B	0.41	0.22	0.15	○	×
C	0.43	0.23	0.16	○	○
D	0.45	0.26	0.18	○	○
E	0.46	0.25	0.17	○	○
F	0.48	0.3	0.18	○	○