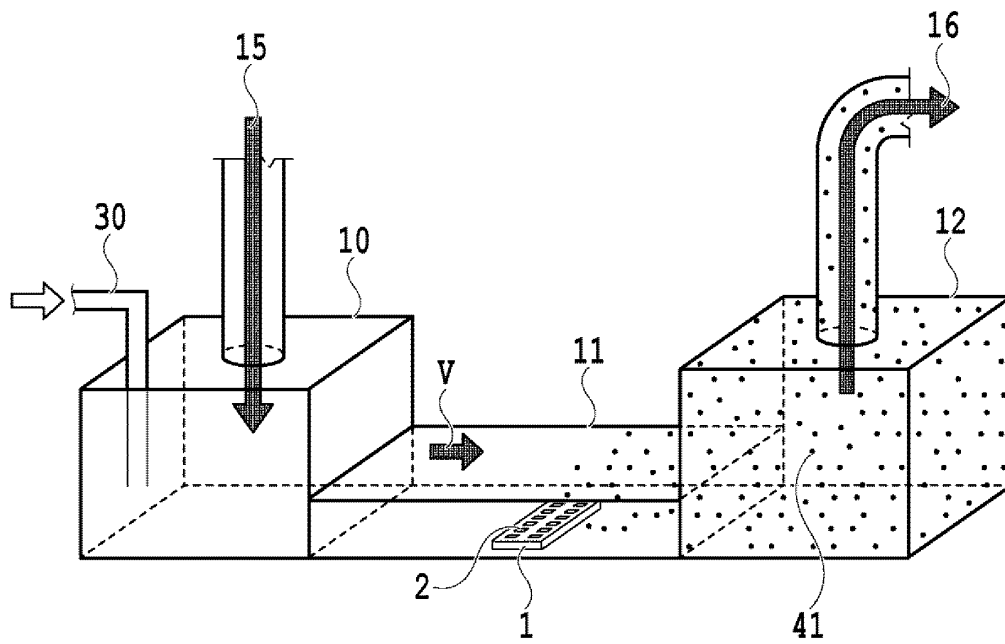
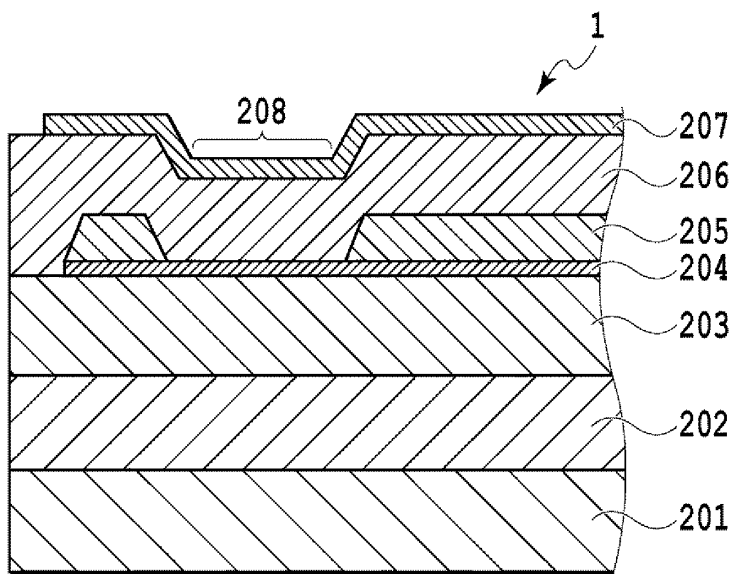


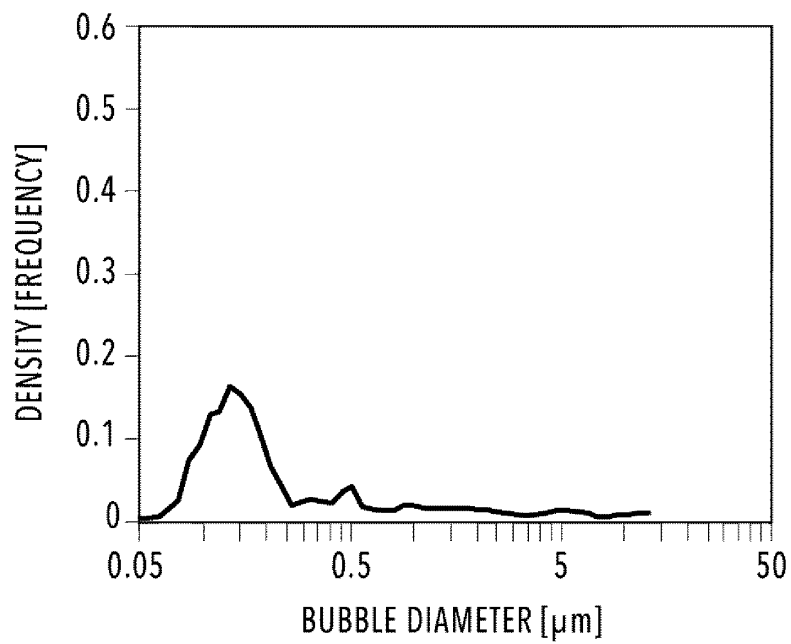
[Fig. 1]



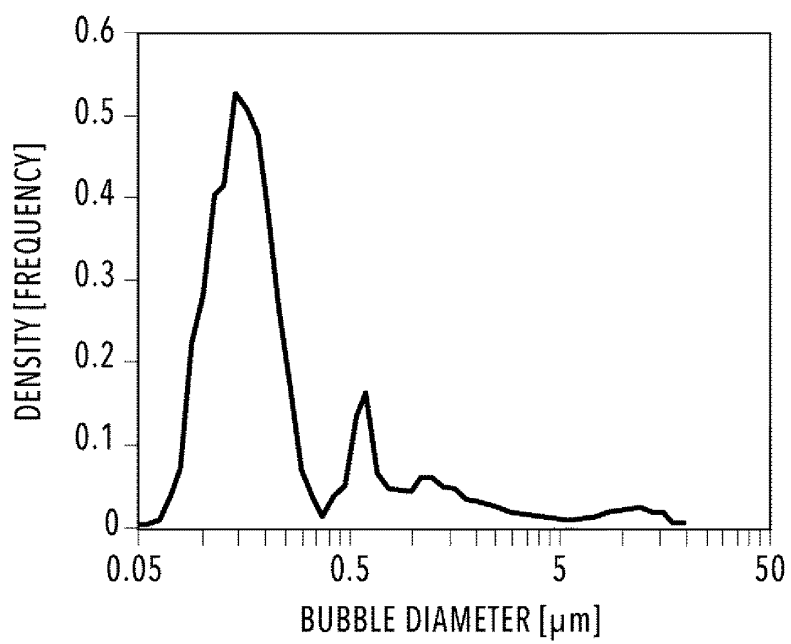
[Fig. 2A]



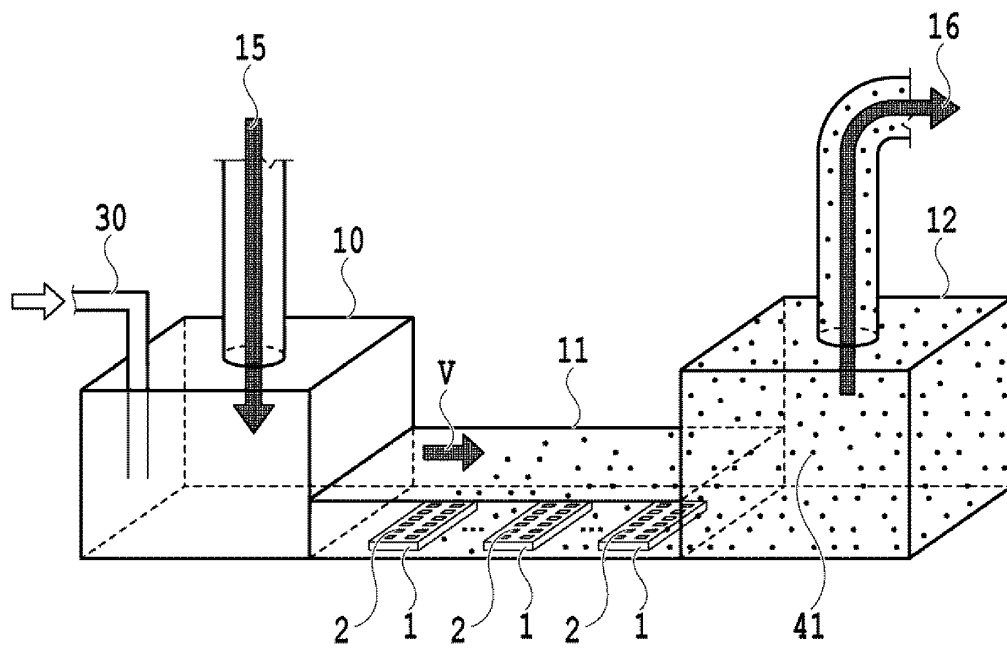
[Fig. 4A]



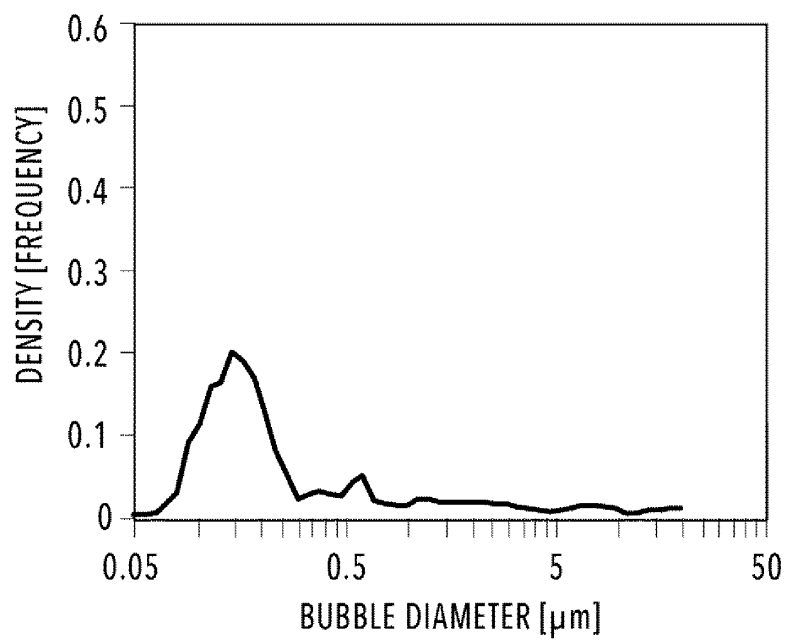
[Fig. 4B]



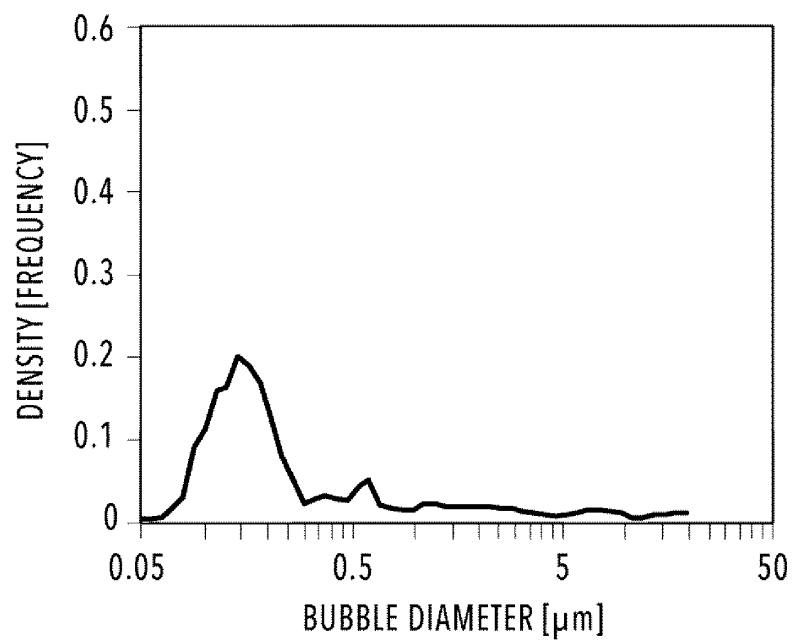
[Fig. 5A]



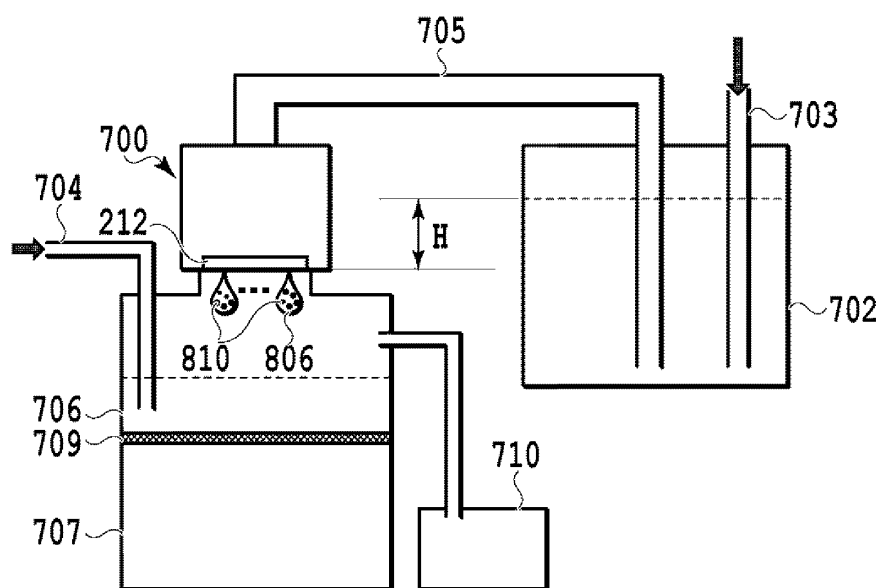
[Fig. 5B]



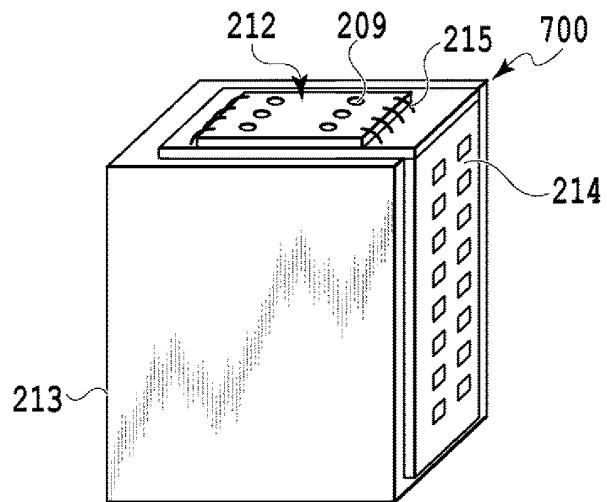
[Fig. 6]



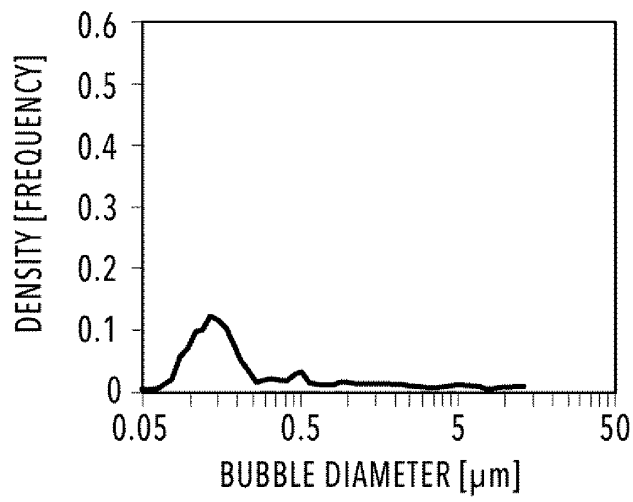
[Fig. 7A]



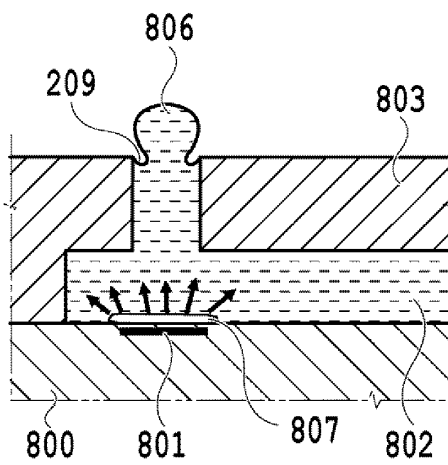
[Fig. 7B]



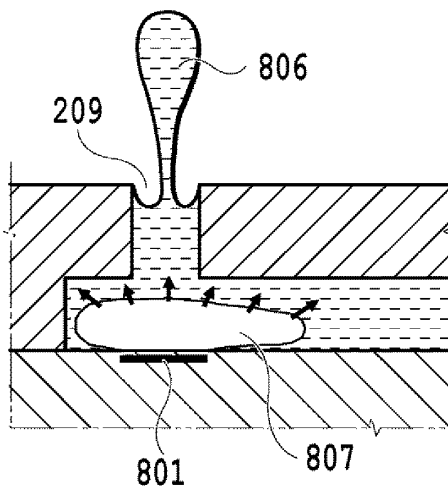
[Fig. 7C]



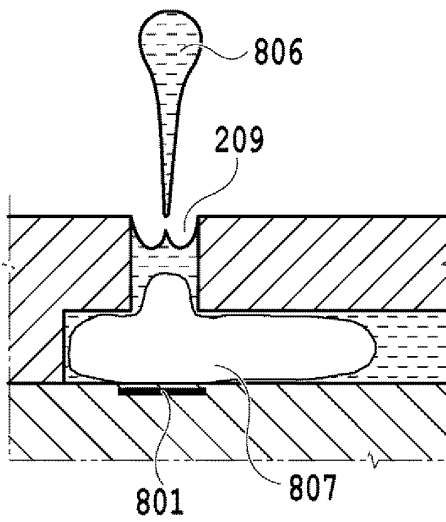
[Fig. 8A]



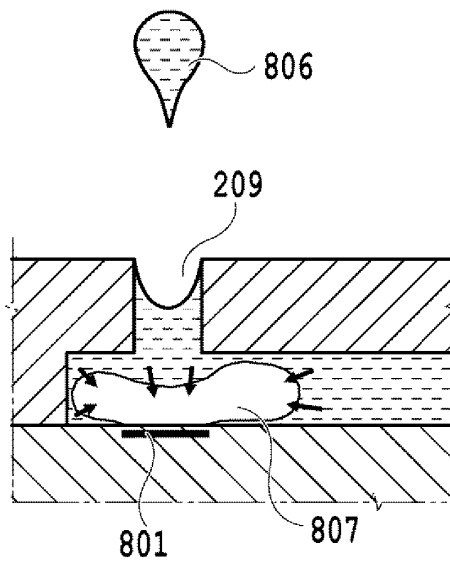
[Fig. 8B]



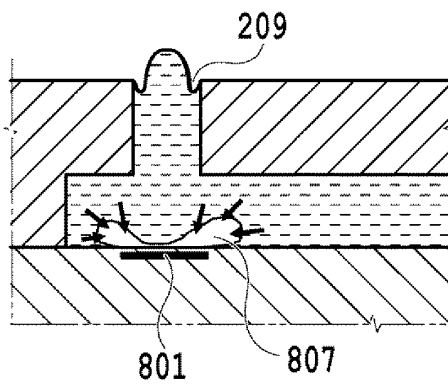
[Fig. 8C]



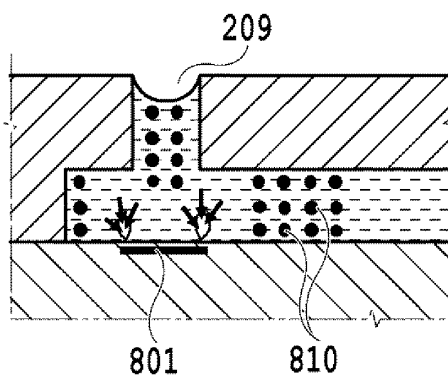
[Fig. 8D]



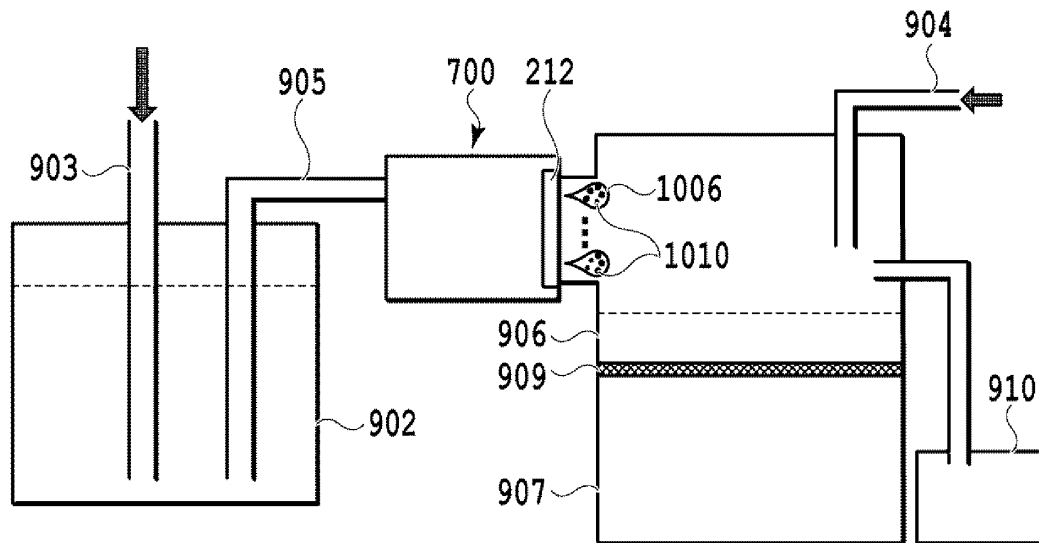
[Fig. 8E]



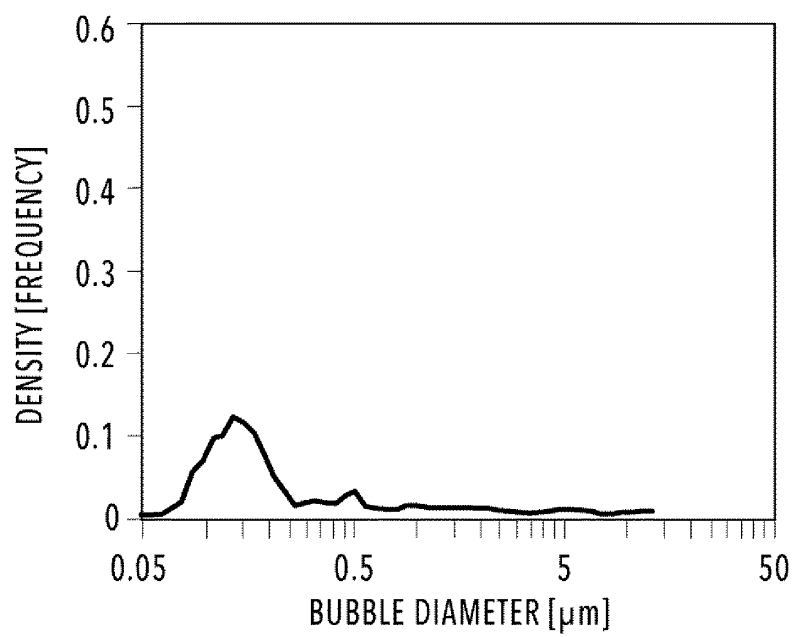
[Fig. 8F]



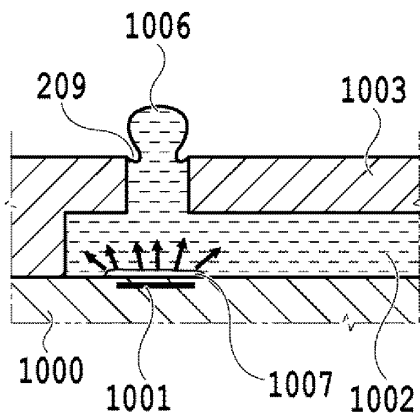
[Fig. 9A]



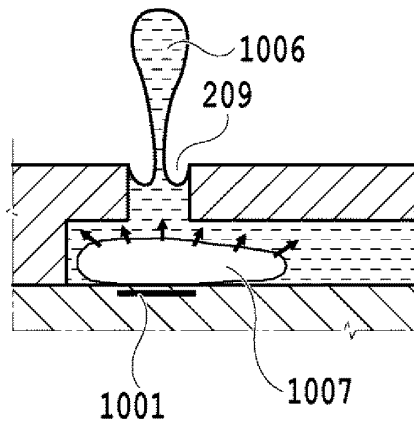
[Fig. 9B]



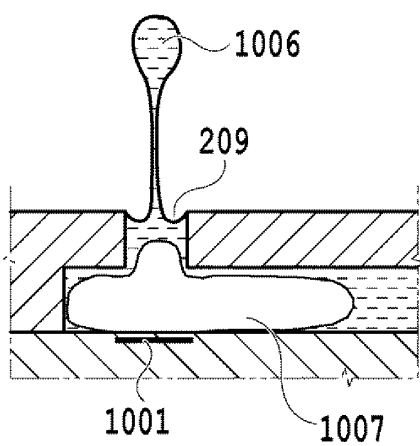
[Fig. 10A]



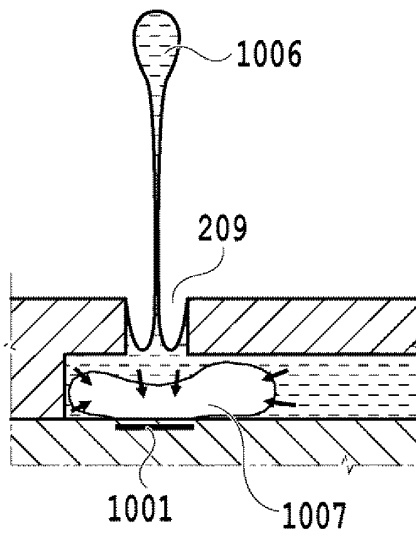
[Fig. 10B]



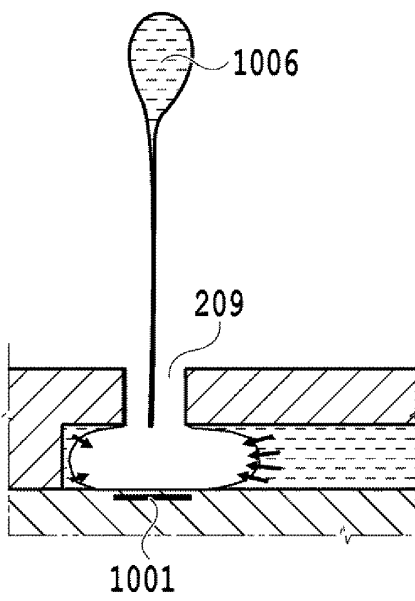
[Fig. 10C]



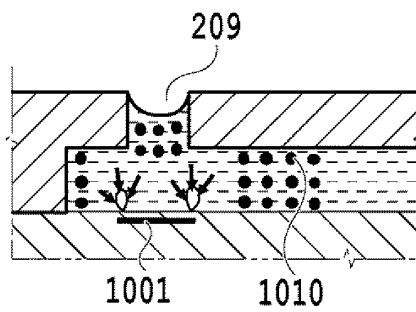
[Fig. 10D]



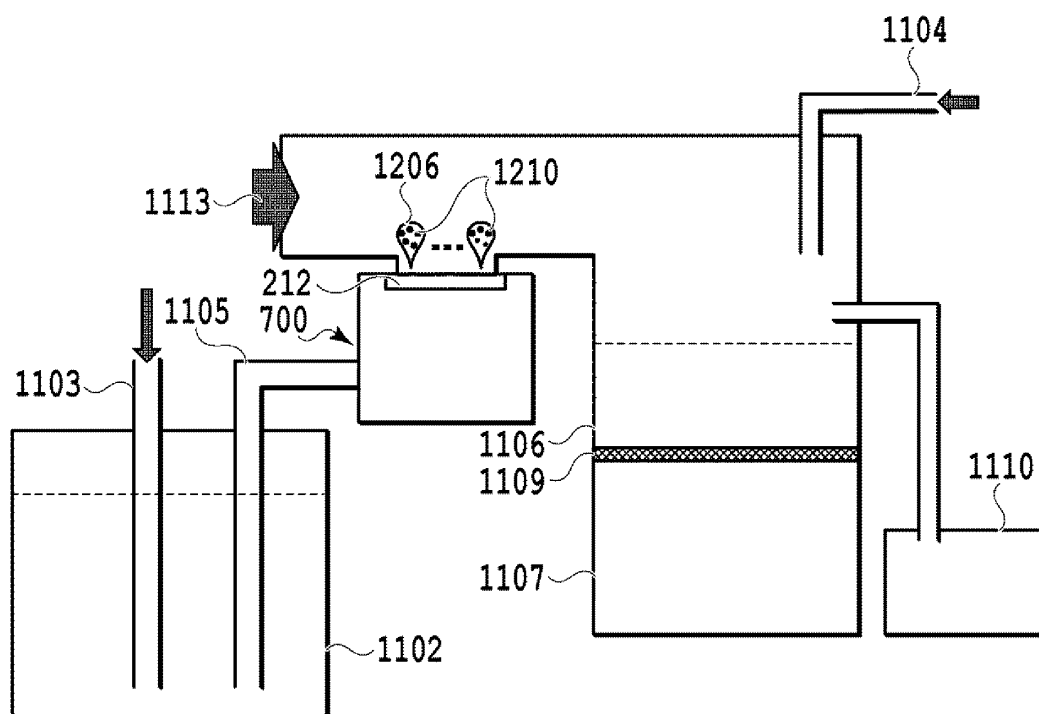
[Fig. 10E]



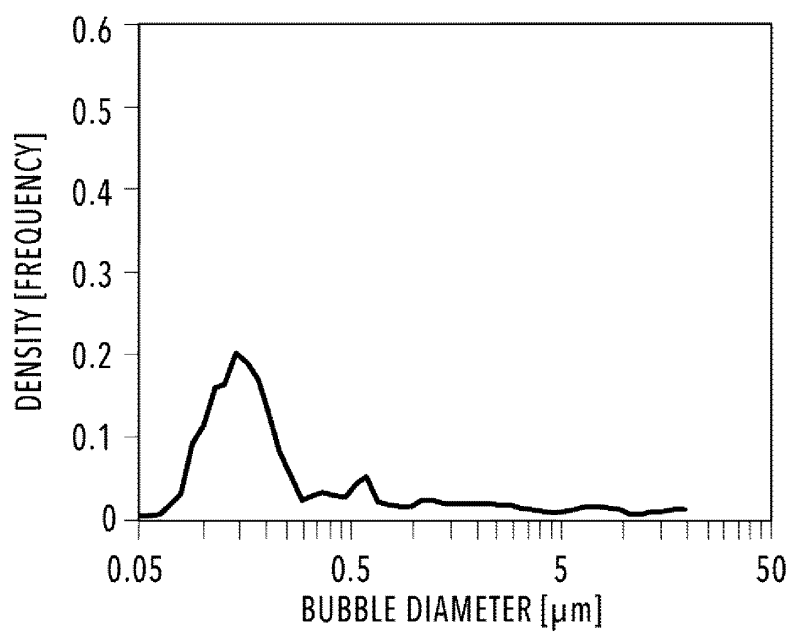
[Fig. 10F]



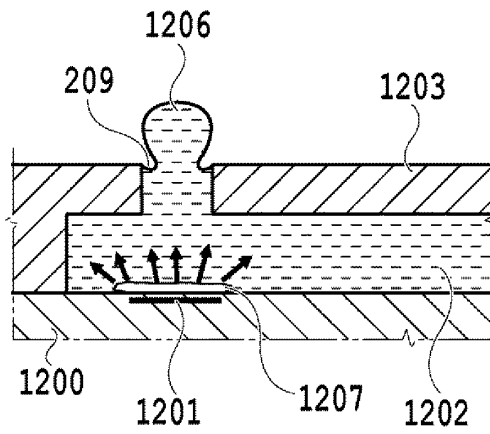
[Fig. 11A]



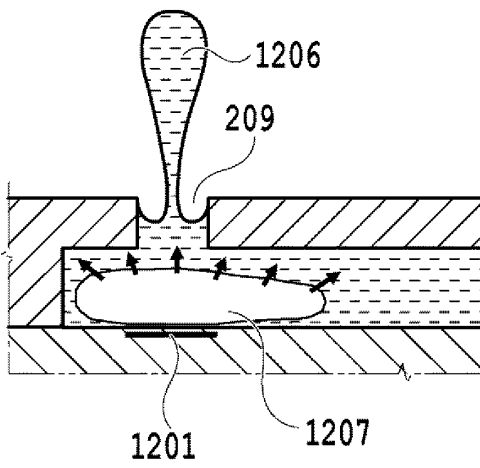
[Fig. 11B]



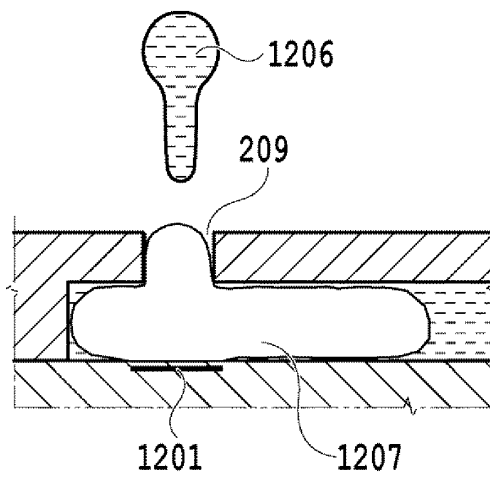
[Fig. 12A]



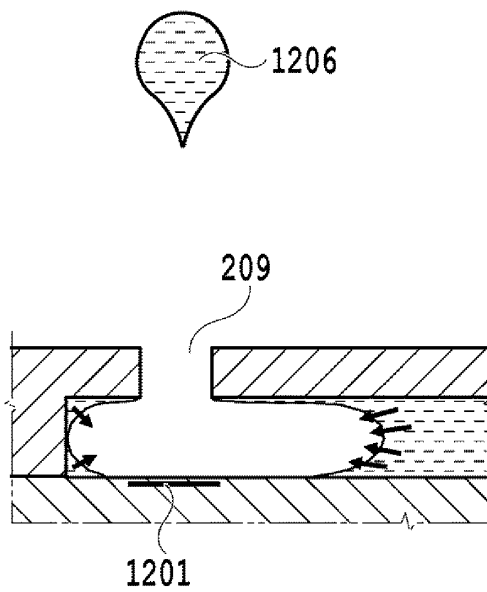
[Fig. 12B]



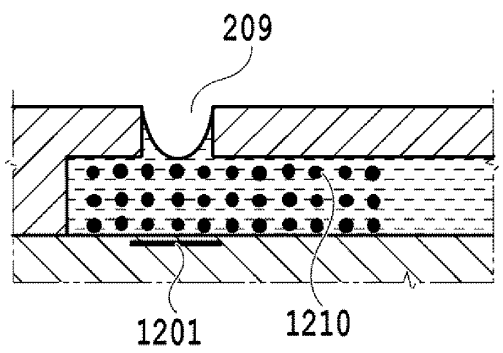
[Fig. 12C]



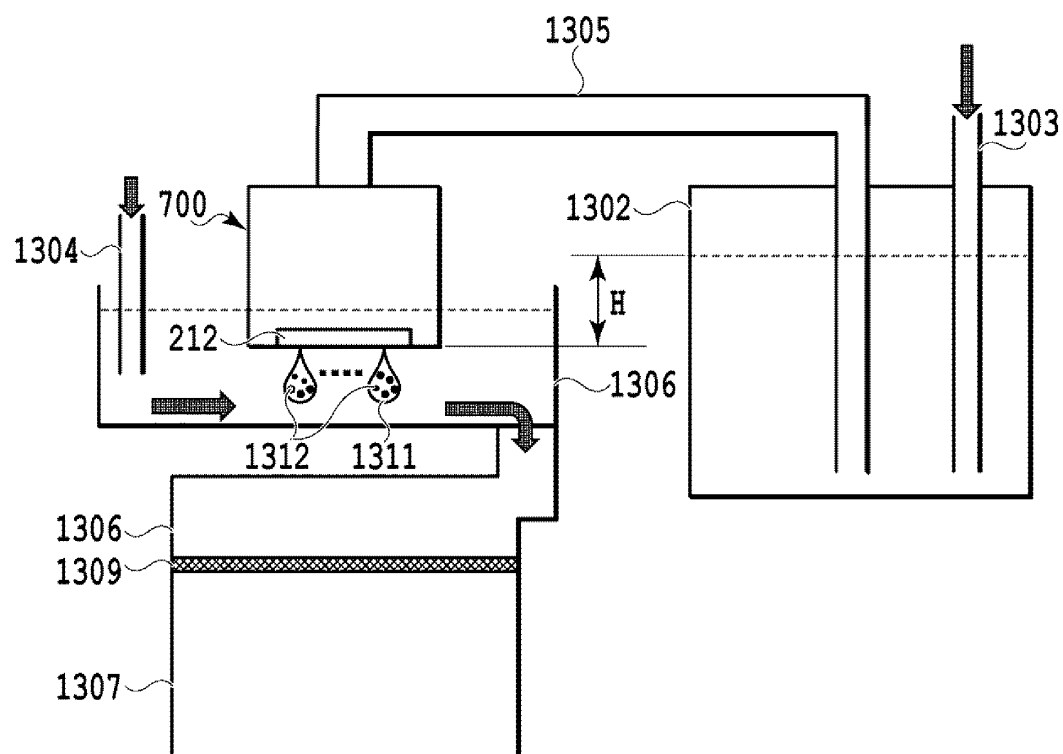
[Fig. 12D]



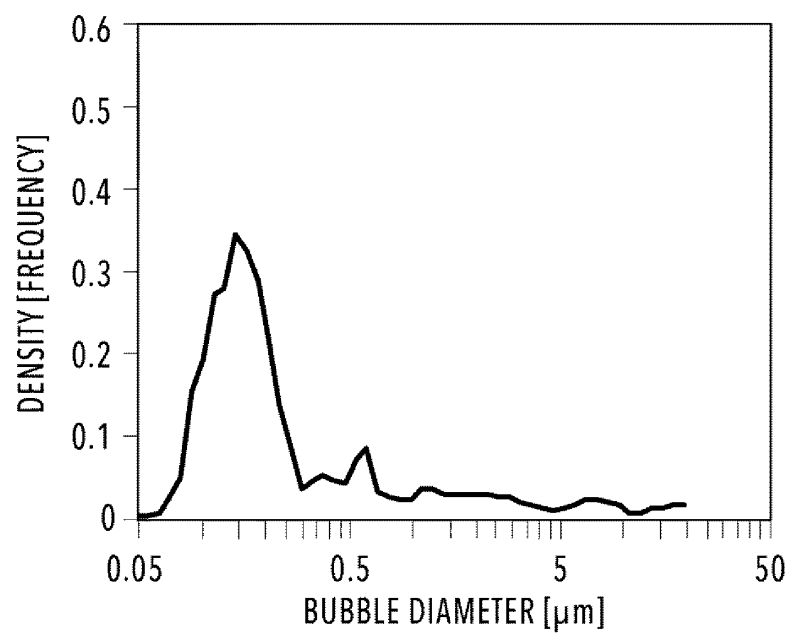
[Fig. 12E]



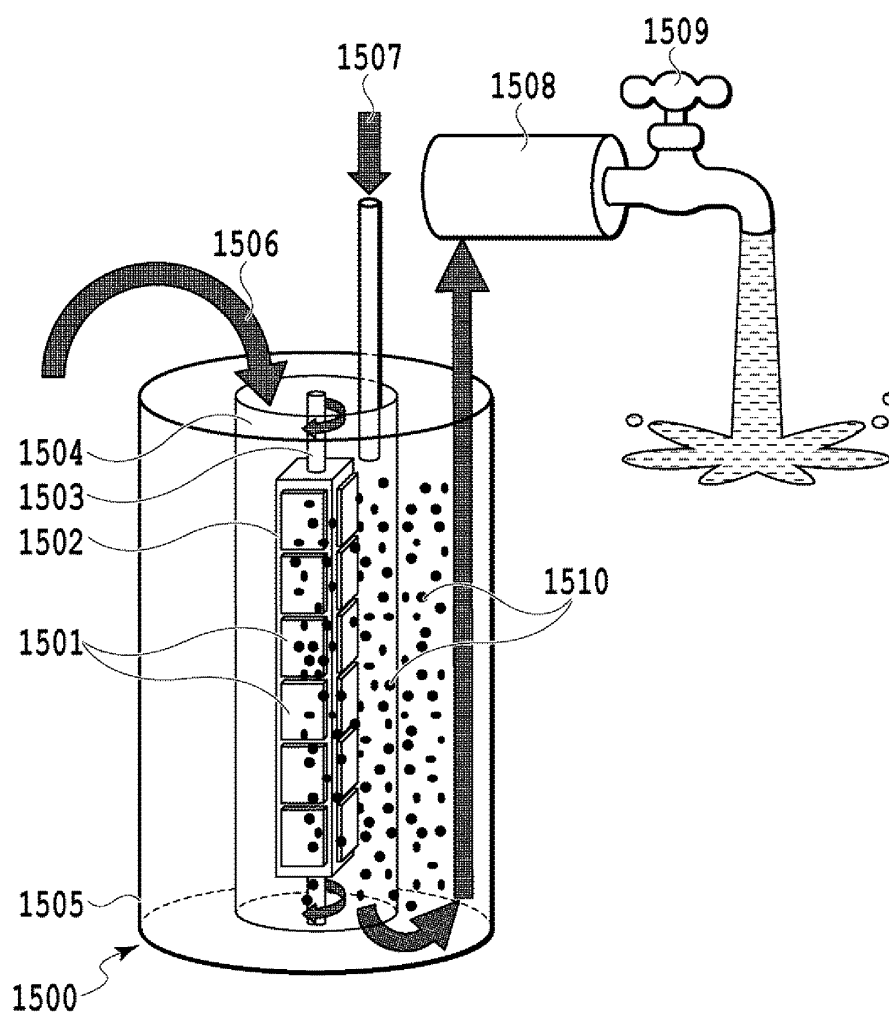
[Fig. 13A]



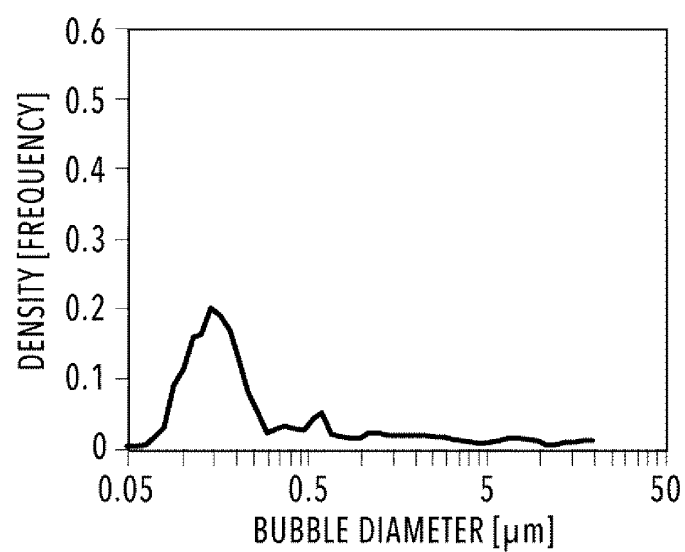
[Fig. 13B]



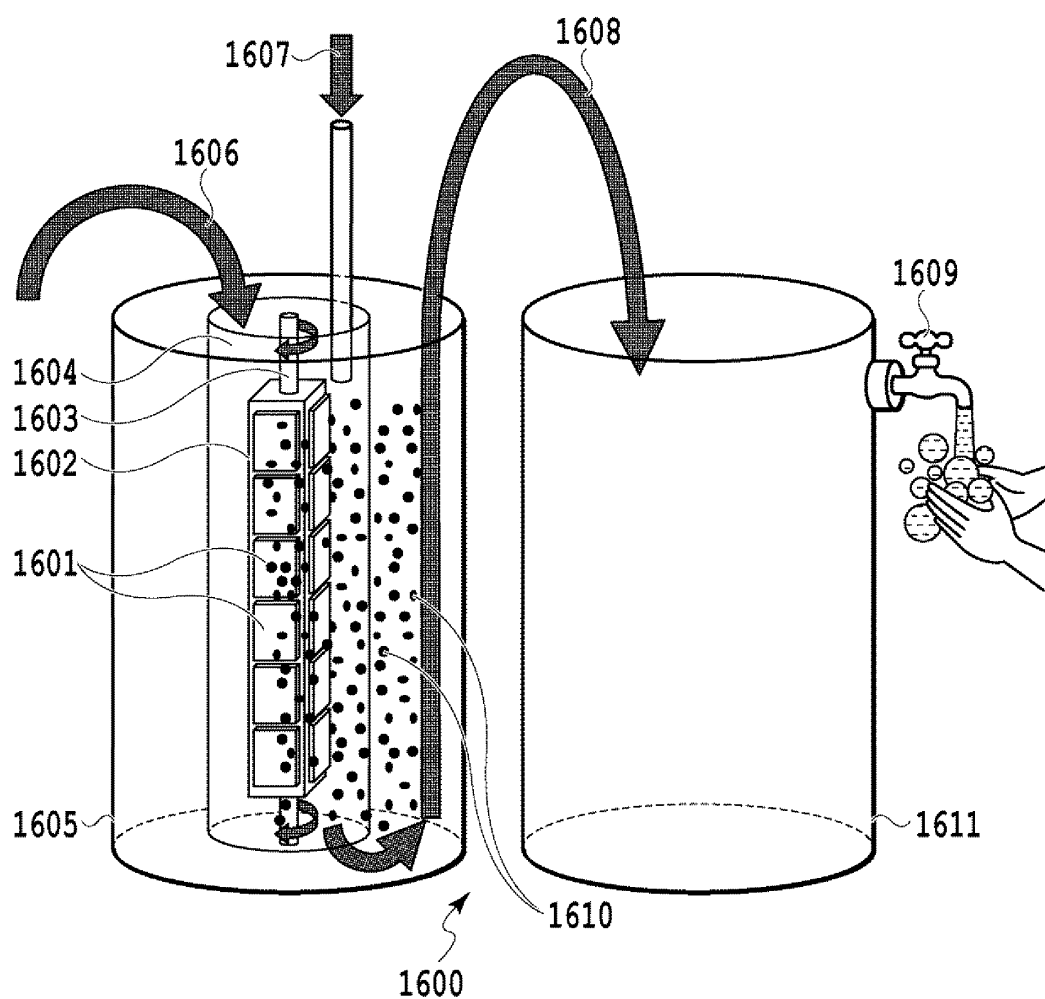
[Fig. 15A]



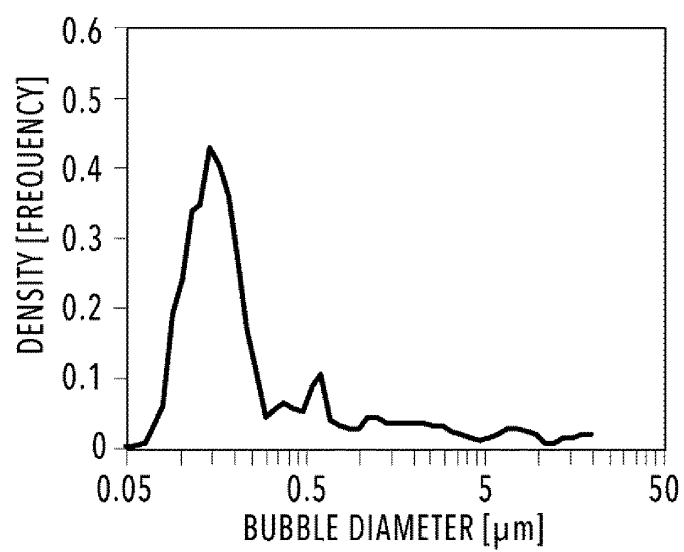
[Fig. 15B]



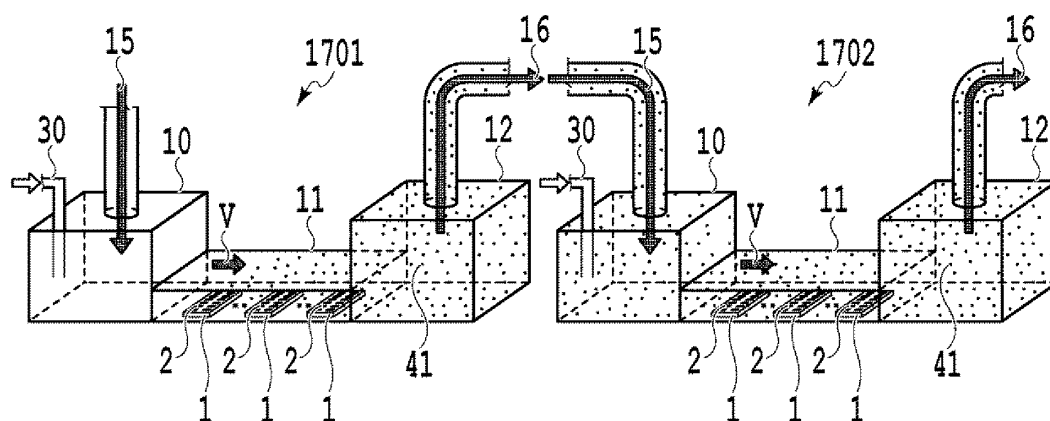
[Fig. 16A]



[Fig. 16B]



[Fig. 17A]



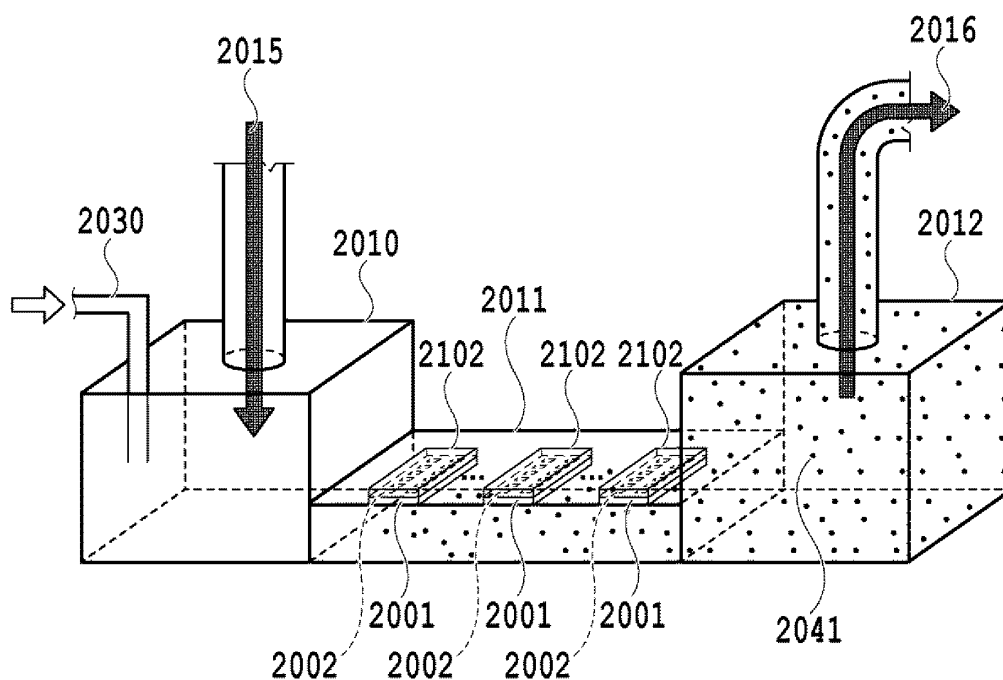
The graph displays the frequency density of bubble diameters. The x-axis, labeled 'BUBBLE DIAMETER [μm]', is logarithmic, ranging from 0.05 to 50. The y-axis, labeled 'DENSITY [FREQUENCY]', is linear, ranging from 0 to 0.6. The curve shows a primary peak at a diameter of about 0.25 μm with a density of approximately 0.22. A secondary, much smaller peak occurs at a diameter of about 0.6 μm with a density of approximately 0.05. The density remains low (below 0.02) for diameters greater than 1 μm.

Bubble Diameter [μm]	Density [Frequency]
0.05	0.00
0.1	0.05
0.15	0.15
0.2	0.20
0.25	0.22
0.3	0.18
0.4	0.05
0.5	0.03
0.6	0.05
0.8	0.02
1.0	0.02
2.0	0.02
5.0	0.01
10.0	0.01
20.0	0.01
50.0	0.01

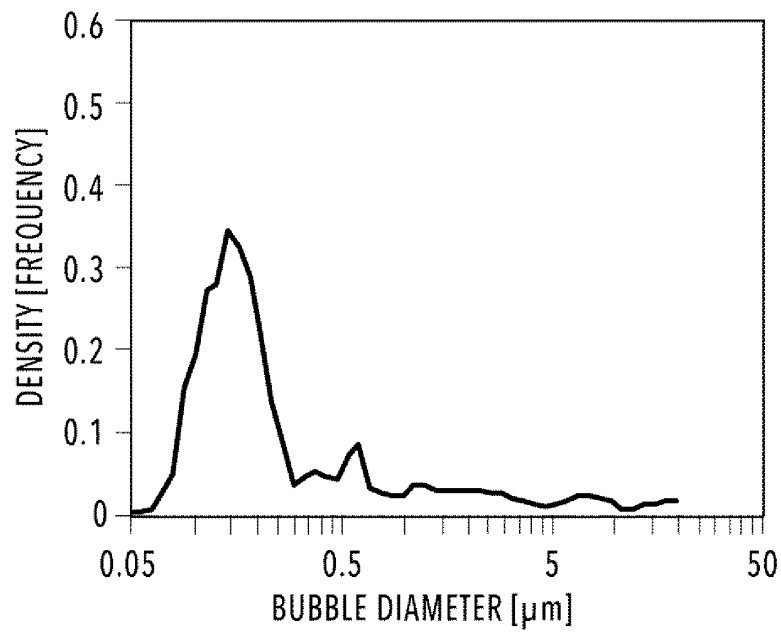
[Fig. 19]

	GAS	NUMBER OF UFB	CHANGE IN STAPHYLOCOCCUS AUREUS	CHANGE IN ESCHERICHIA COLI
TEST A	OZONE	2.4 BILLION/ml	1/1000 OR LESS	1/1000 OR LESS
TEST B	NITROGEN	1.2 BILLION/ml	1/100 OR LESS	1/100 OR LESS
TEST C	OZONE	28.8 BILLION/ml	1/1000 OR LESS	1/1000 OR LESS
TEST D	NITROGEN	2.4 BILLION/ml	1/100 OR LESS	1/100 OR LESS
TEST E	NITROGEN	12.0 BILLION/ml	1/100 OR LESS	1/100 OR LESS
COMPARISON TARGET A	NONE	0	NONE	NONE
COMPARISON TARGET B	NONE	0	NONE	NONE
COMPARISON TARGET C	NONE	0	NONE	NONE
COMPARISON TARGET D	NONE	0	NONE	NONE
COMPARISON TARGET E	NONE	0	NONE	NONE

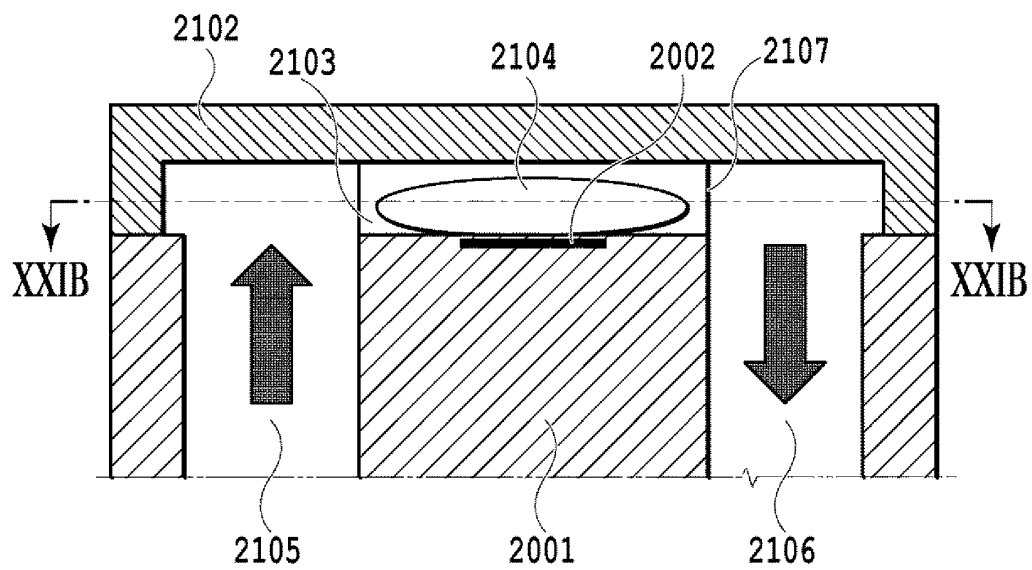
[Fig. 20A]



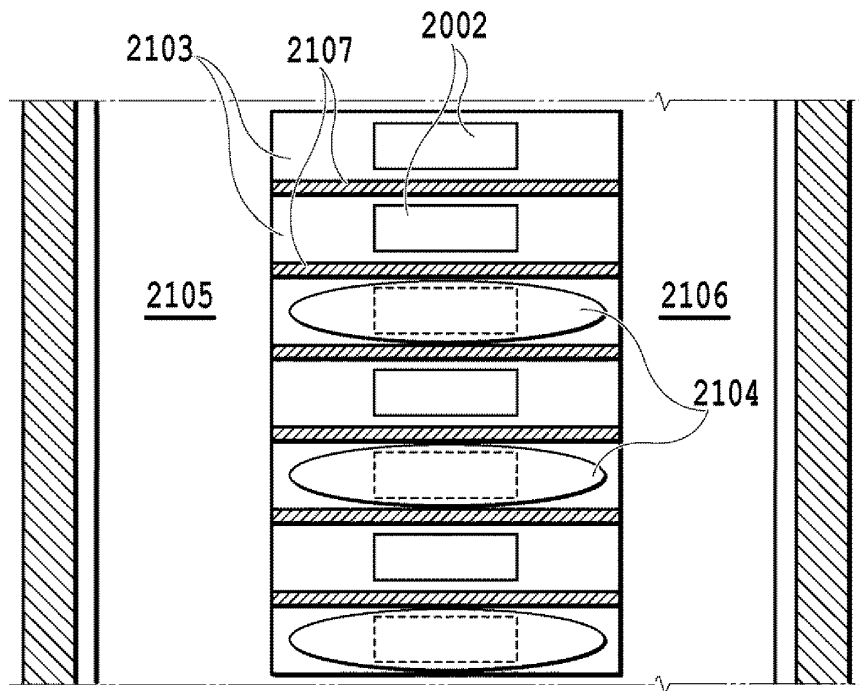
[Fig. 20B]



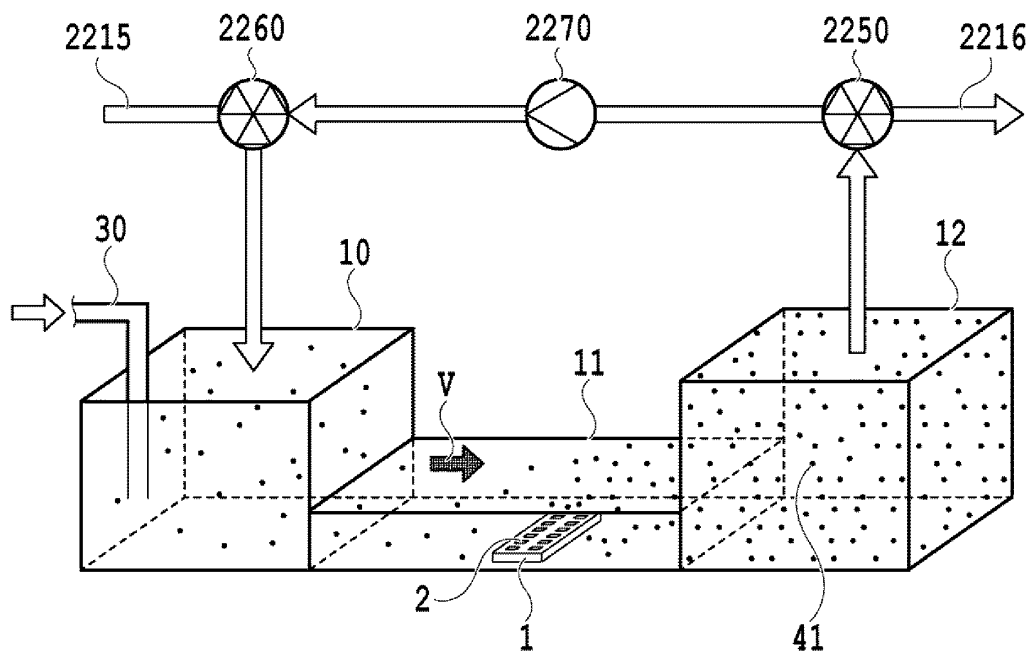
[Fig. 21A]



[Fig. 21B]



[Fig. 22]



[Fig. 23]

