

FIG. 1

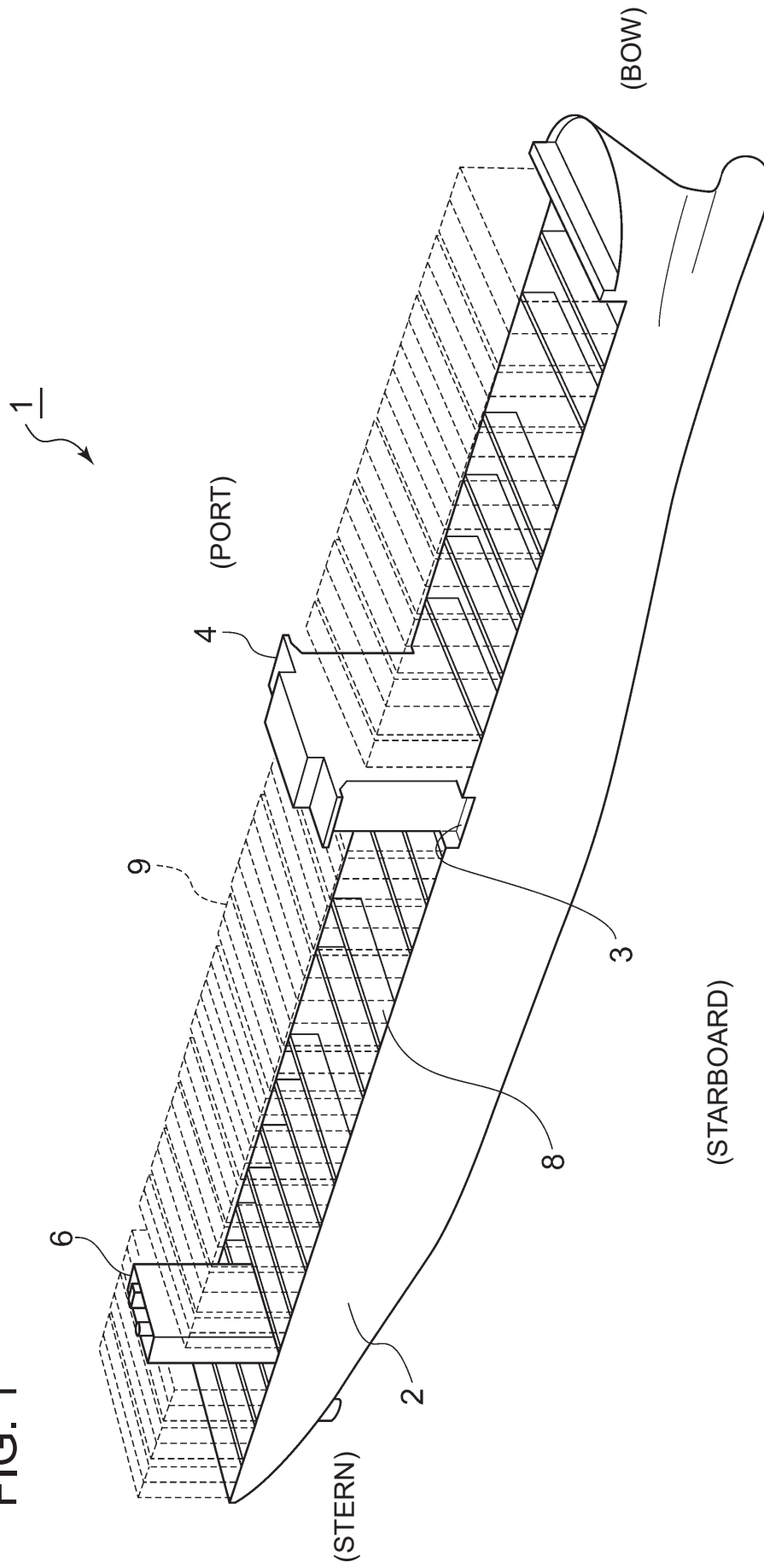
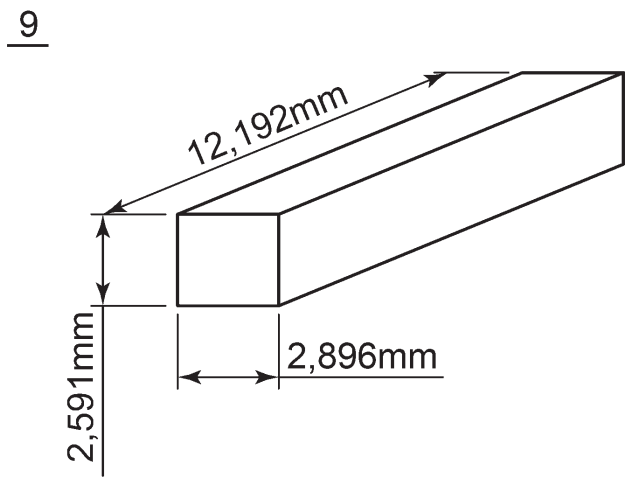


FIG. 2A



40FT CONTAINER DIMENSIONS

FIG. 2B

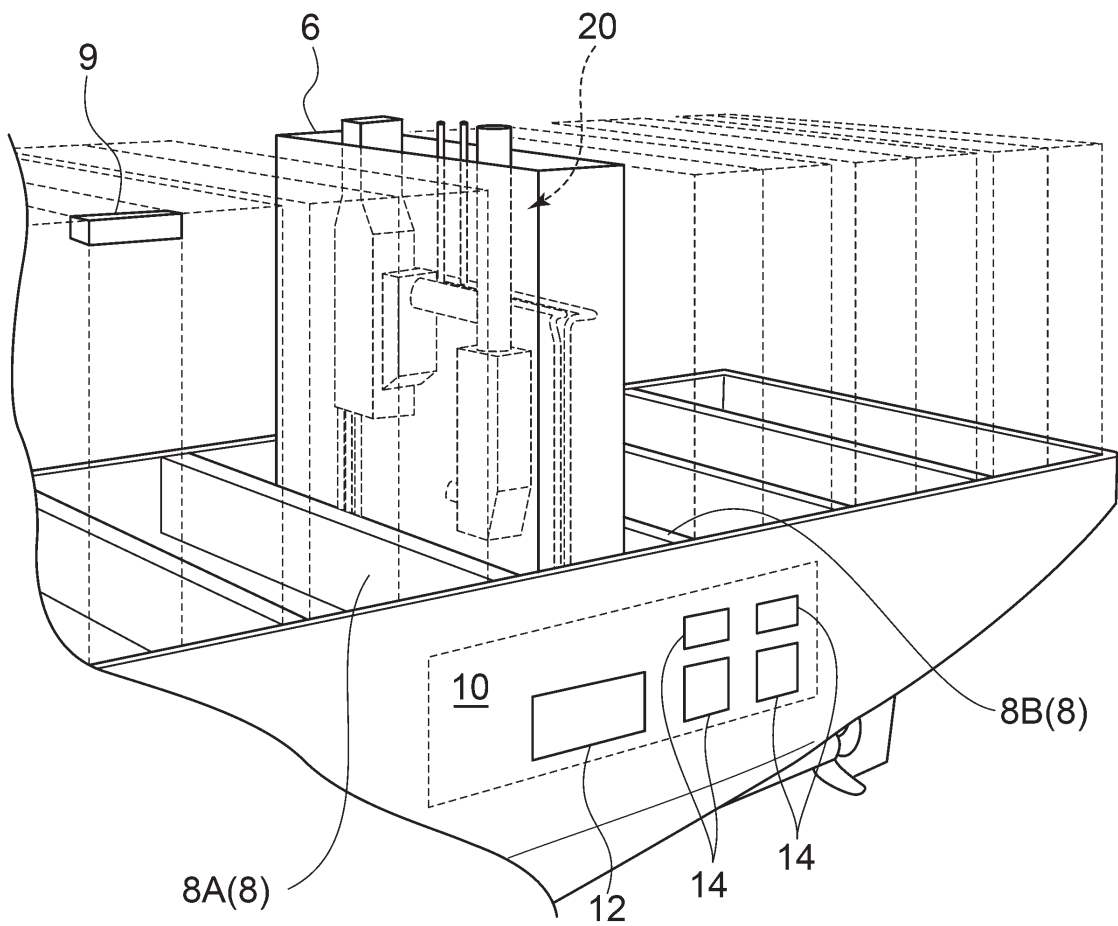


FIG. 3

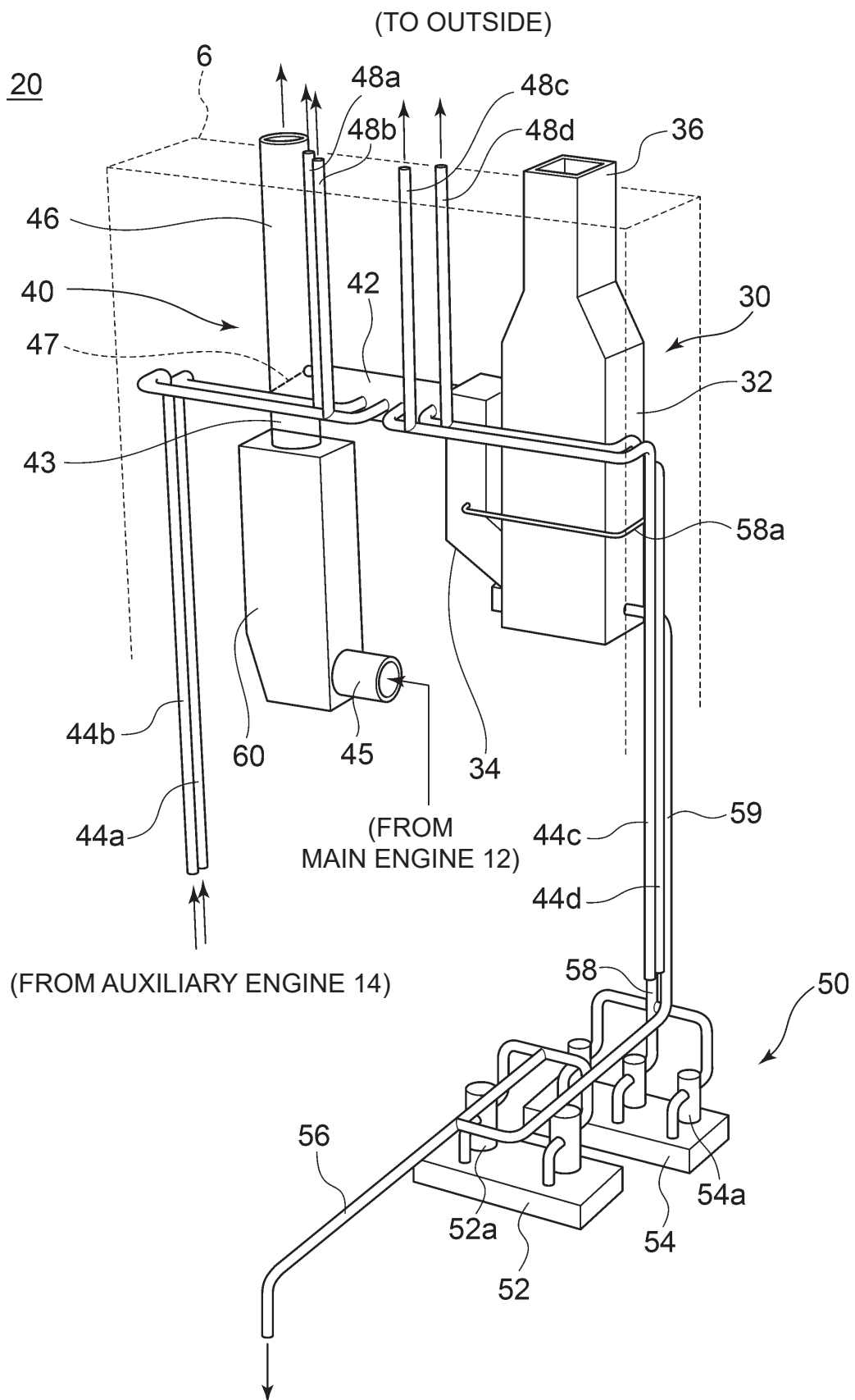


FIG. 5

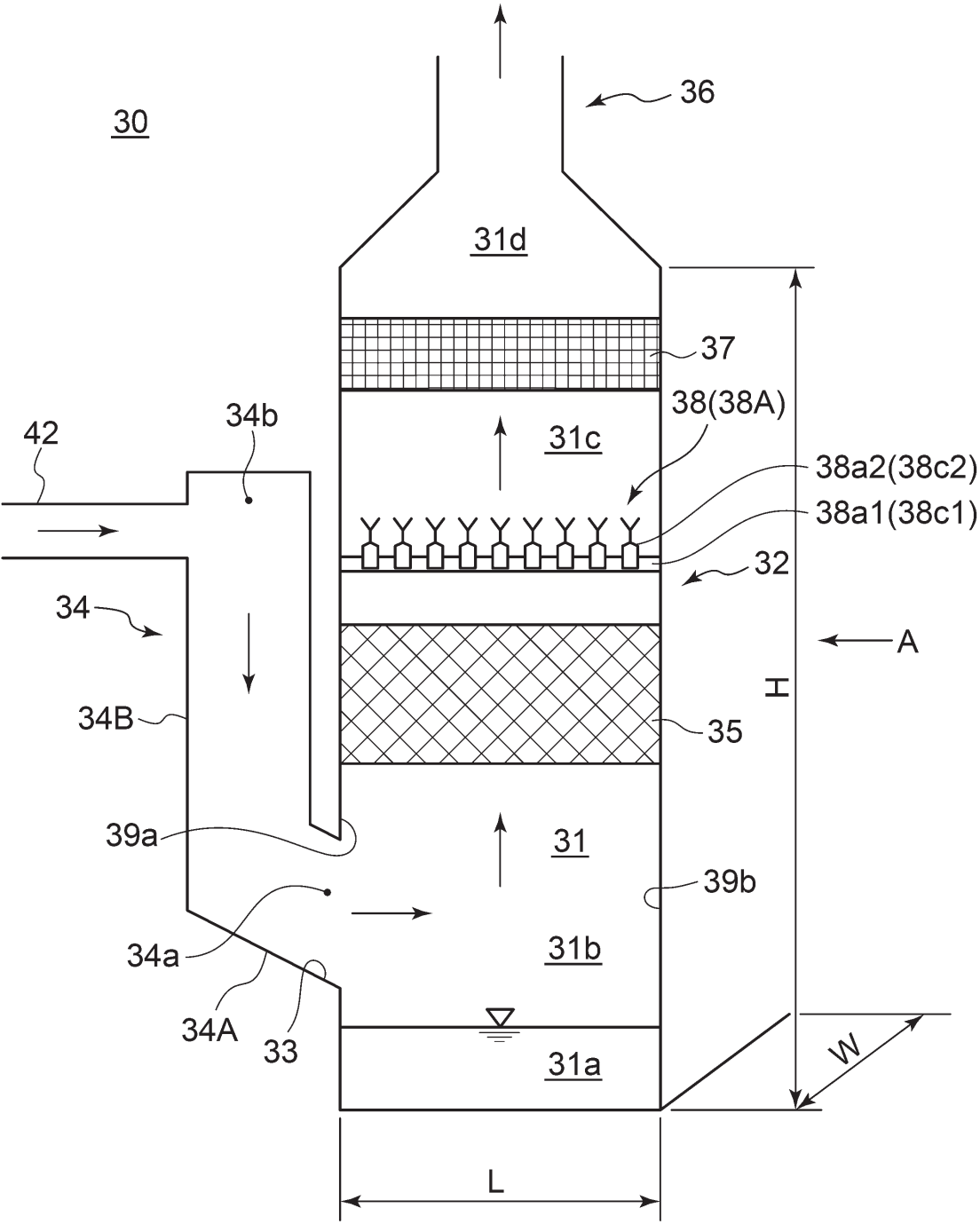


FIG. 6A NECESSARY ABSORBER AREA: 24m²
EQUIVALENT DIAMETER (D): 5.53m

(W) × (L)	(W) : (L)	W/D	ARRANGE- MENT	DESULFU- RIZATION	COMPREHENSIVE EVALUATION
1.5m × 16.0m	1 : 10.67	0.27	A	D	FAIL
2.0m × 12.0m	1 : 6.00	0.36	A	C	PASSABLE
3.0m × 8.0m	1 : 2.67	0.54	B	B	GOOD
3.5m × 6.9m	1 : 1.96	0.63	B	A	EXCELLENT
4.0m × 6.0m	1 : 1.50	0.72	B	A	EXCELLENT
4.5m × 5.3m	1 : 1.19	0.81	C	A	PASSABLE
5.0m × 4.8m	1 : 0.96	0.90	D	A	FAIL

FIG. 6B NECESSARY ABSORBER AREA: 32m²
EQUIVALENT DIAMETER (D): 6.38m

(W) × (L)	(W) : (L)	W/D	ARRANGE- MENT	DESULFU- RIZATION	COMPREHENSIVE EVALUATION
2.0m × 16.0m	1 : 8.00	0.31	A	D	FAIL
3.0m × 10.7m	1 : 3.56	0.47	A	C	PASSABLE
3.5m × 9.1m	1 : 2.61	0.55	B	B	GOOD
4.0m × 8.0m	1 : 2.00	0.63	B	B	GOOD
4.5m × 7.1m	1 : 1.58	0.70	B	A	EXCELLENT
5.0m × 6.4m	1 : 1.28	0.78	C	A	PASSABLE
6.0m × 5.3m	1 : 0.89	0.94	D	A	FAIL

FIG. 6C NECESSARY ABSORBER AREA: 48m²
EQUIVALENT DIAMETER (D): 7.82m

(W) × (L)	(W) : (L)	W/D	ARRANGE- MENT	DESULFU- RIZATION	COMPREHENSIVE EVALUATION
2.5m × 19.2m	1 : 7.68	0.32	A	D	FAIL
3.0m × 16.0m	1 : 5.33	0.38	A	C	PASSABLE
3.5m × 13.7m	1 : 3.92	0.45	A	C	PASSABLE
4.0m × 12.0m	1 : 3.00	0.51	B	C	PASSABLE
4.5m × 10.7m	1 : 2.37	0.58	B	B	GOOD
5.0m × 9.6m	1 : 1.92	0.64	B	A	EXCELLENT
6.0m × 8.0m	1 : 1.33	0.77	C	A	PASSABLE
7.5m × 6.4m	1 : 0.85	0.96	D	A	FAIL

FIG. 7A

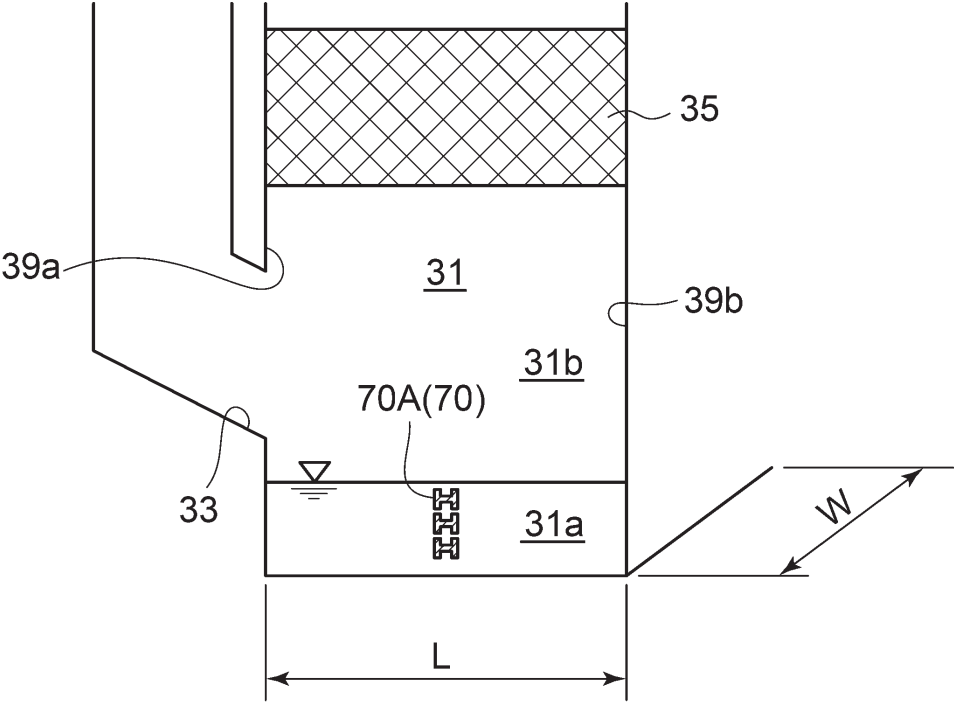


FIG. 7B

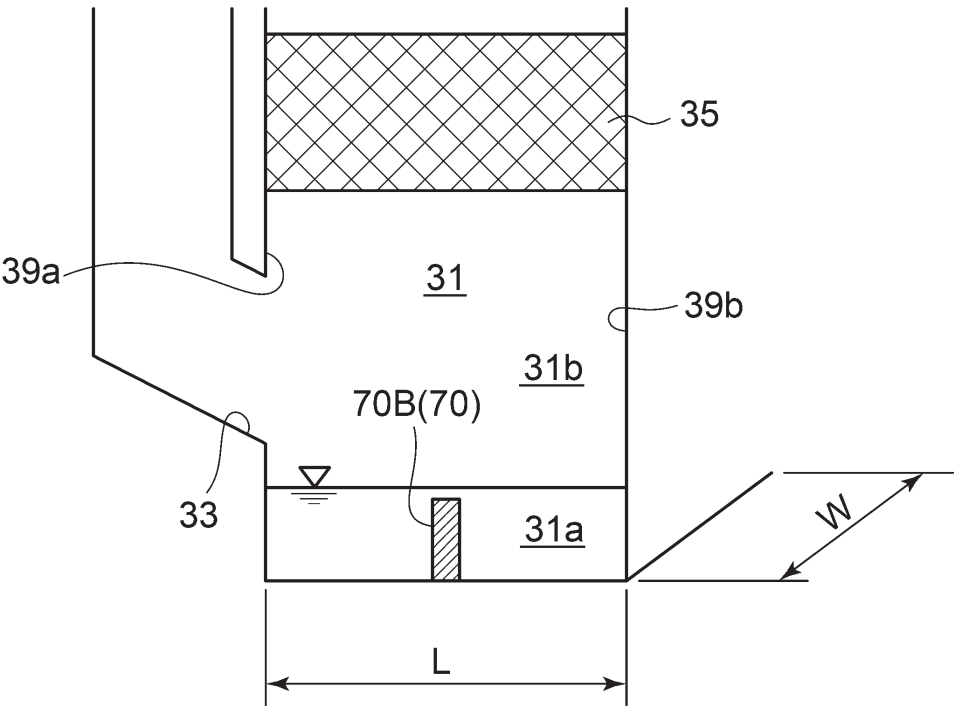


FIG. 8

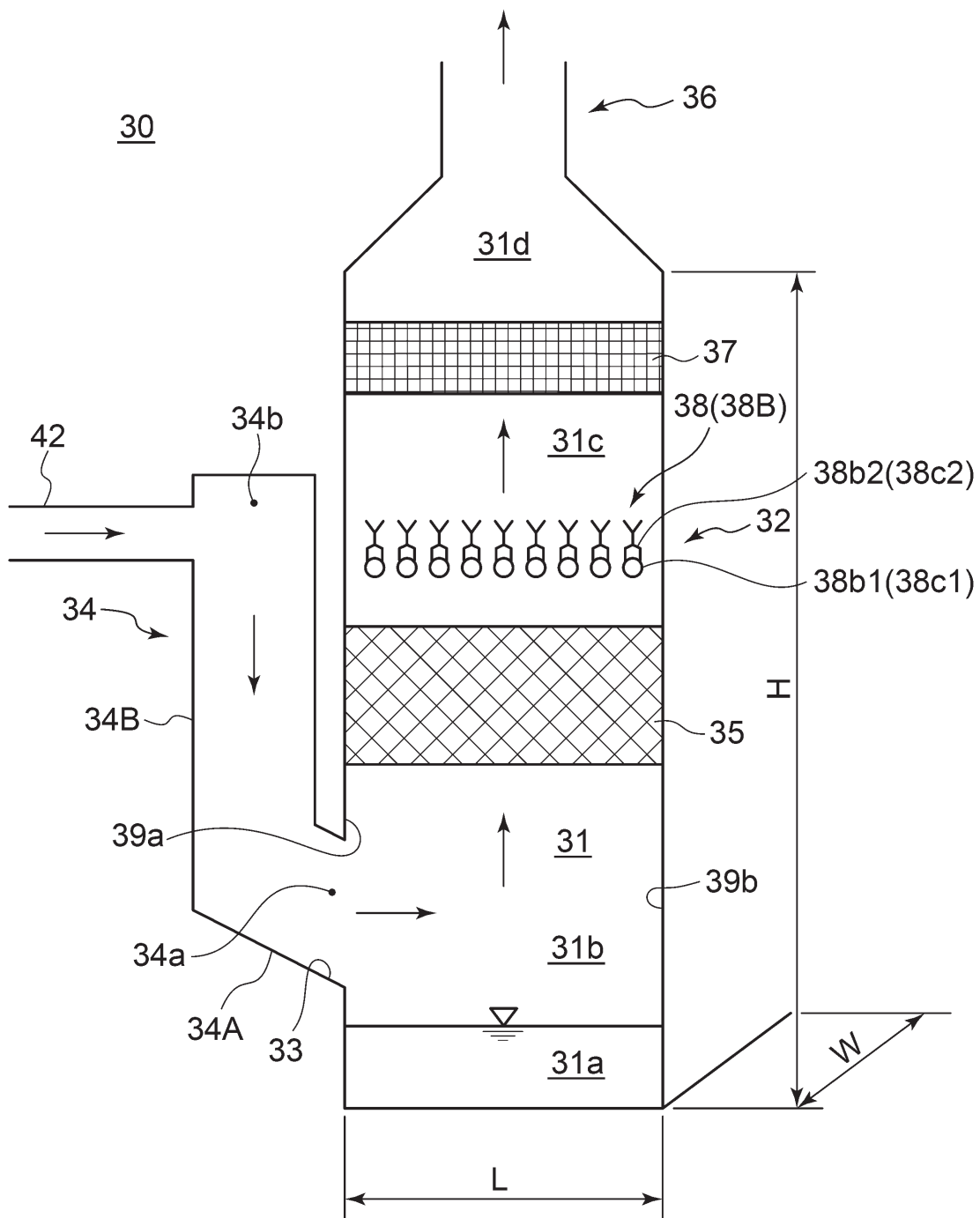


FIG. 9

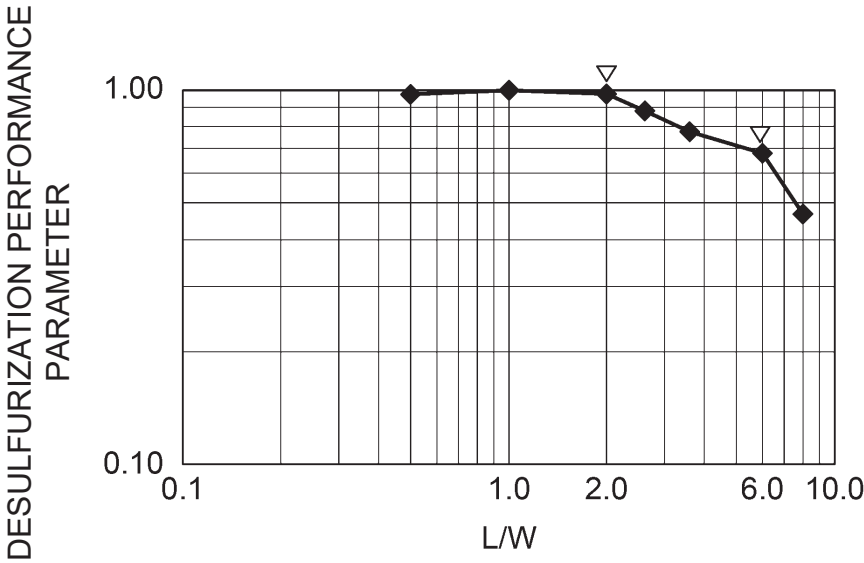


FIG. 10

ABSORBER AREA (m ²)	L/W (m)	PERIMETER RATIO α (INVERSE RATIO TO L/W=1)	NOZZLE NUMBER RATIO β (RATIO TO L/W=1)	DESULFU- RIZATION PERFOR- MANCE PARA- METER ($\alpha \times \beta$)
32	0.5	0.94	1.04	0.98
32	1.0	1.00	1.00	1.00
32	2.0	0.94	1.04	0.98
32	2.6	0.89	0.99	0.88
32	3.6	0.83	0.94	0.78
32	6.0	0.70	0.96	0.67
32	8.0	0.63	0.74	0.47

FIG. 11

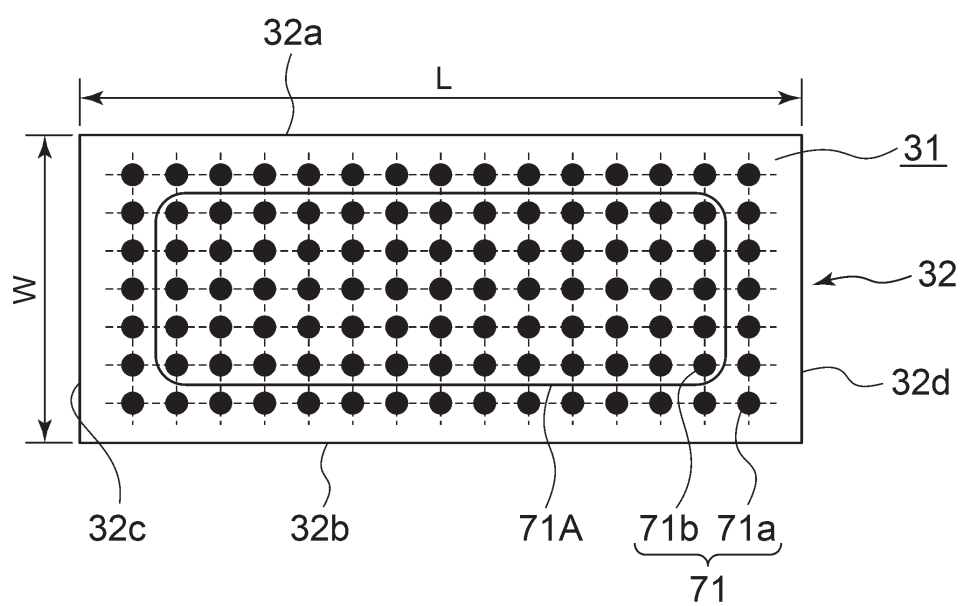


FIG. 12A

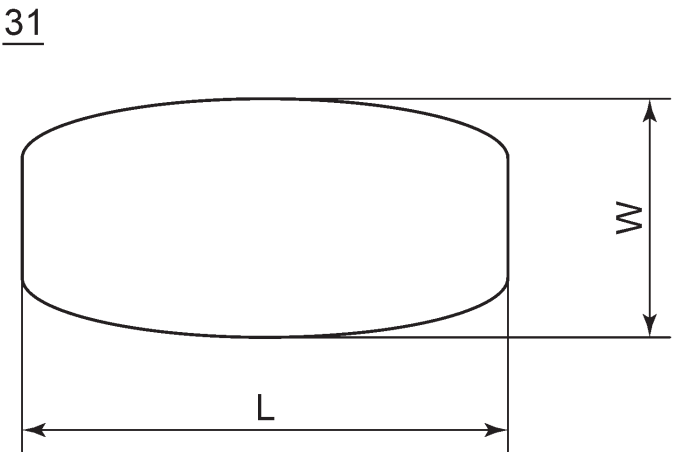


FIG. 12B

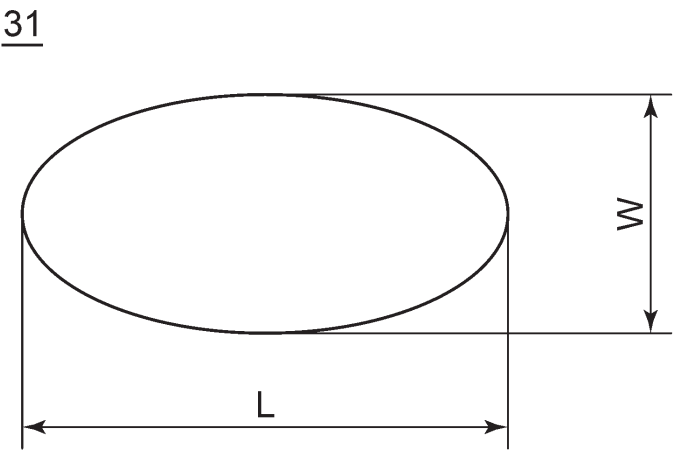


FIG. 12C

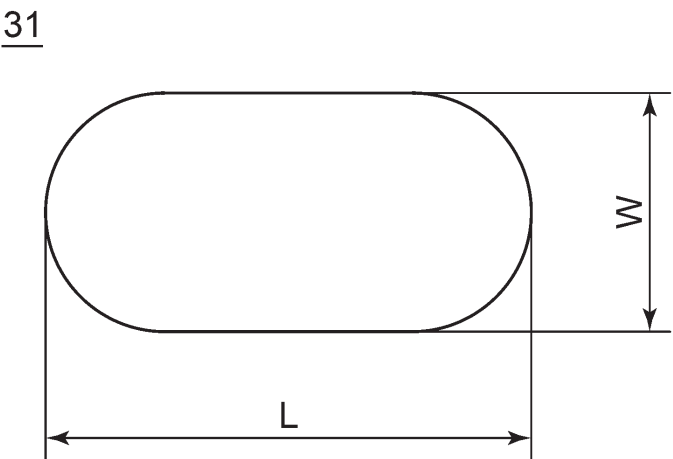


FIG. 13

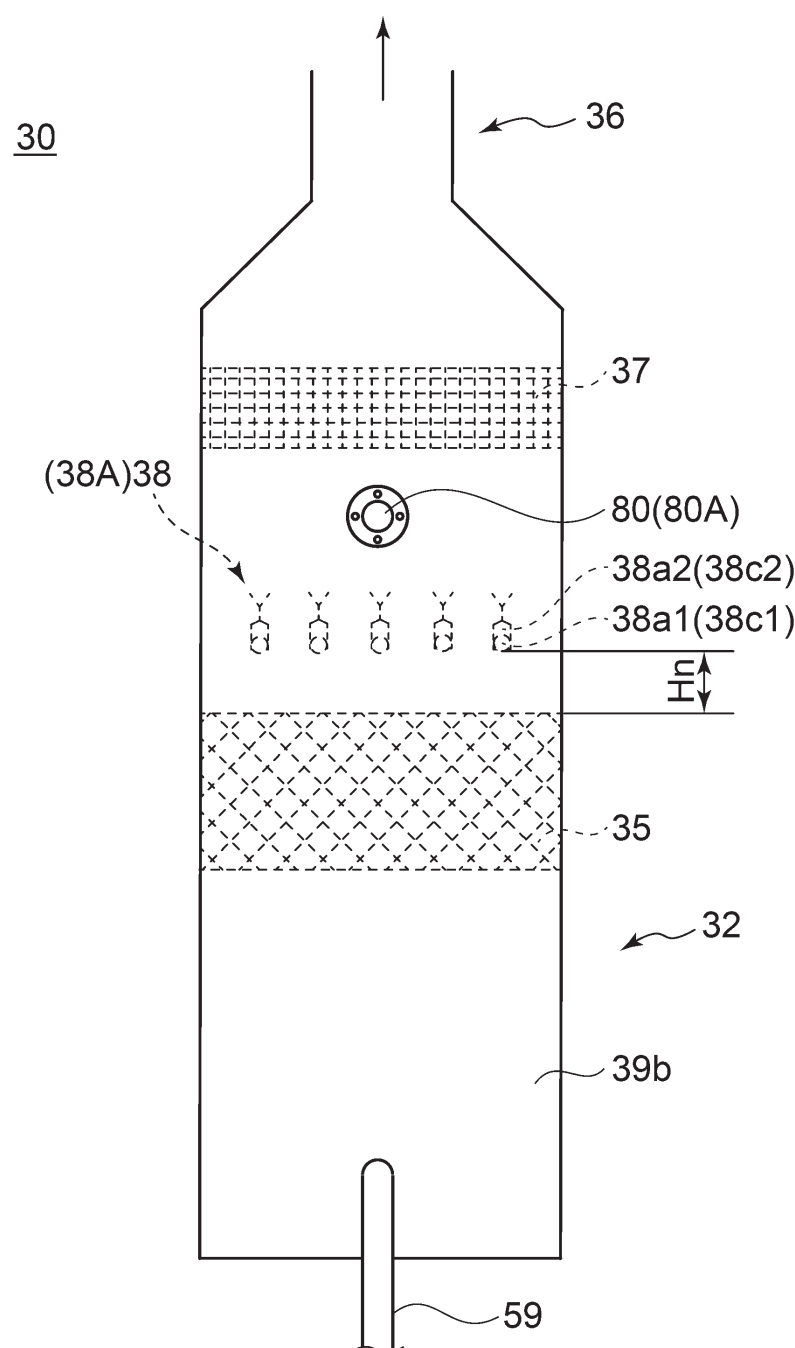


FIG. 14

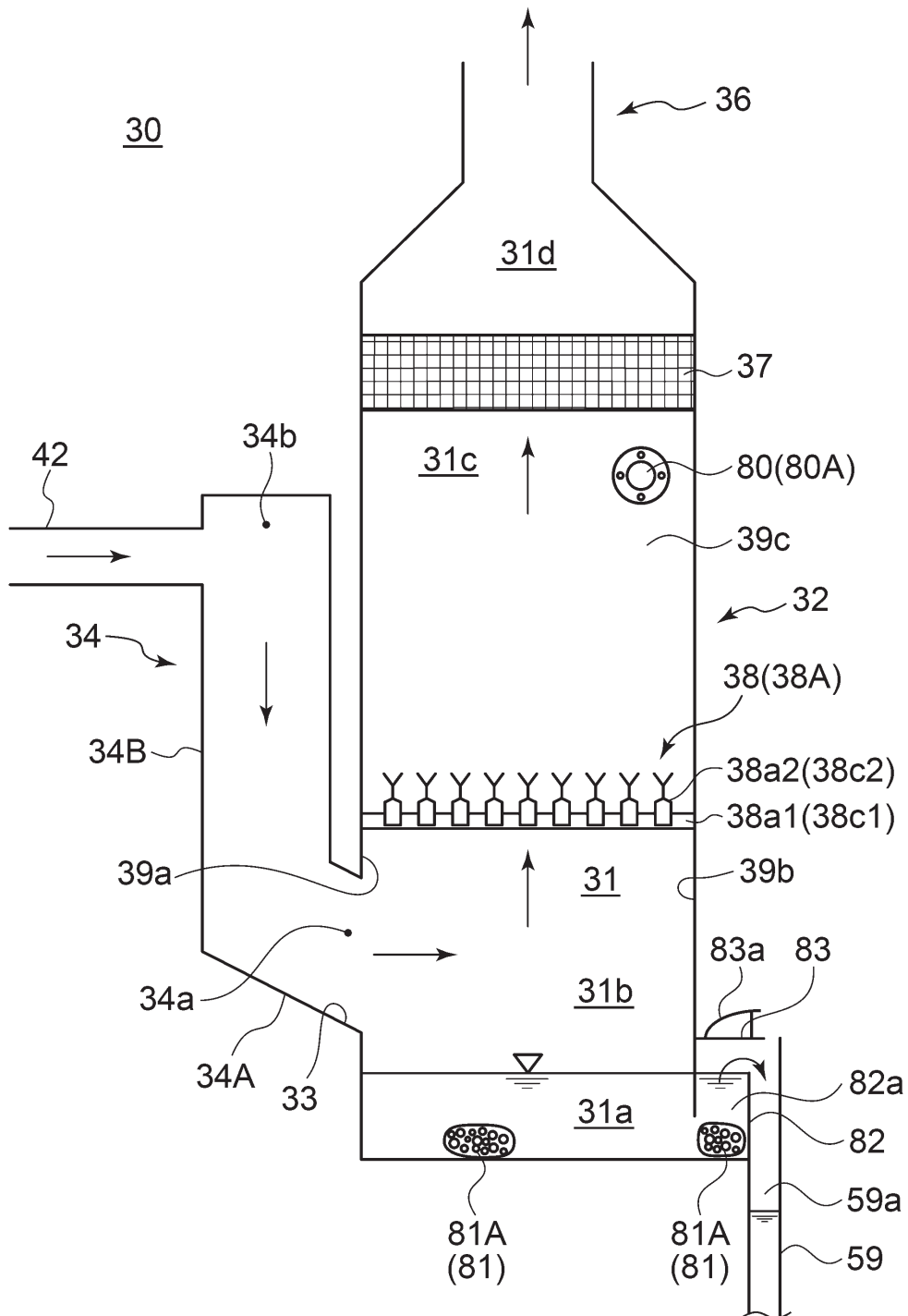


FIG. 15

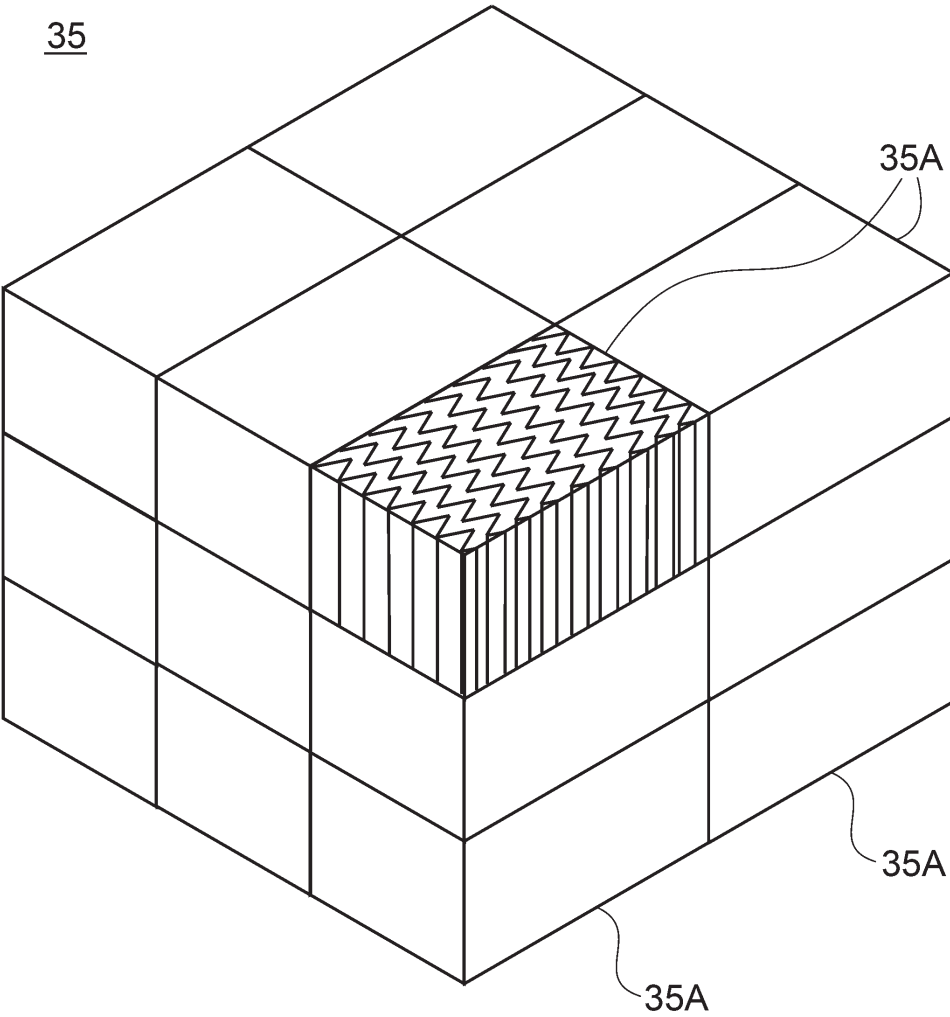


FIG. 16

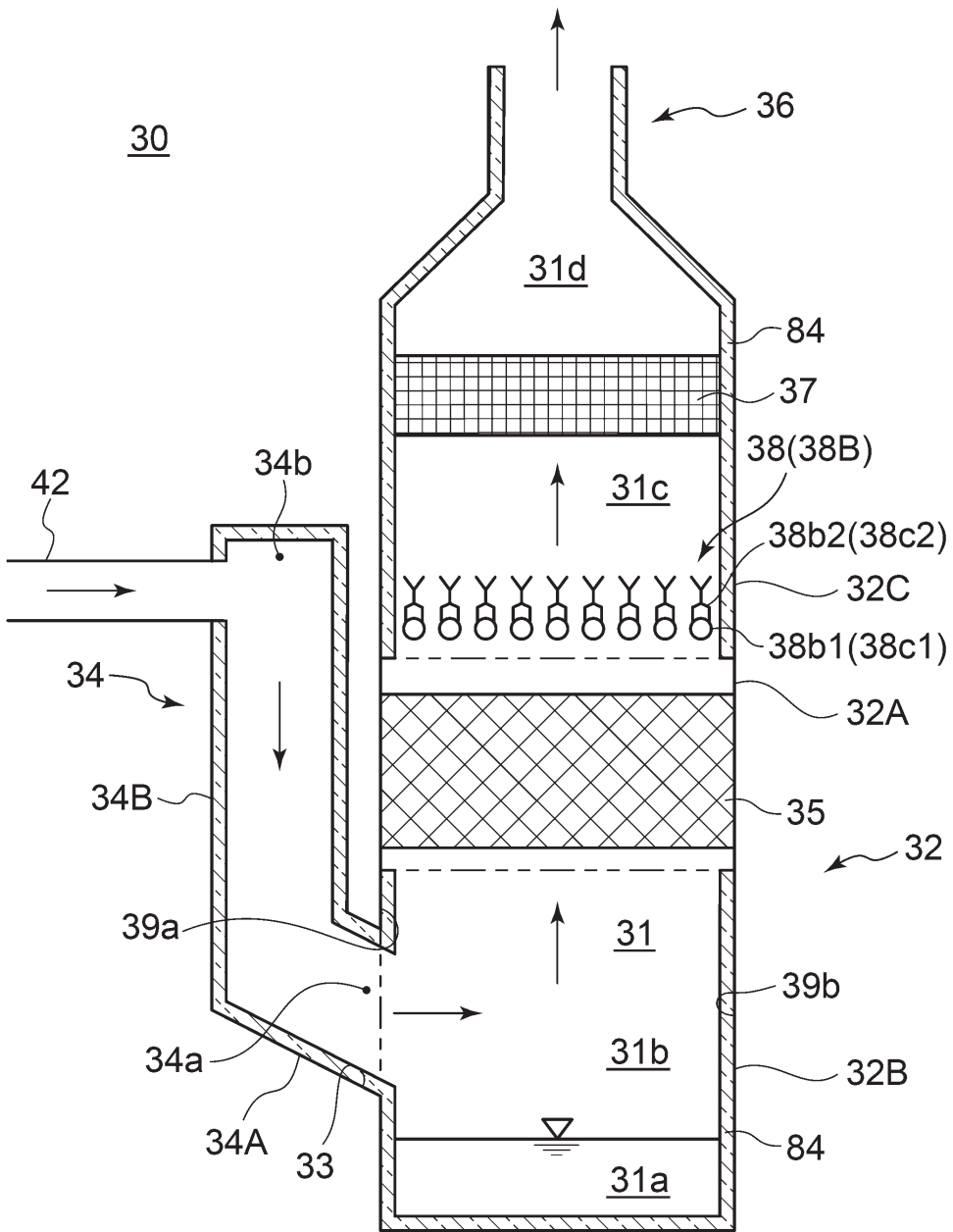


FIG. 17

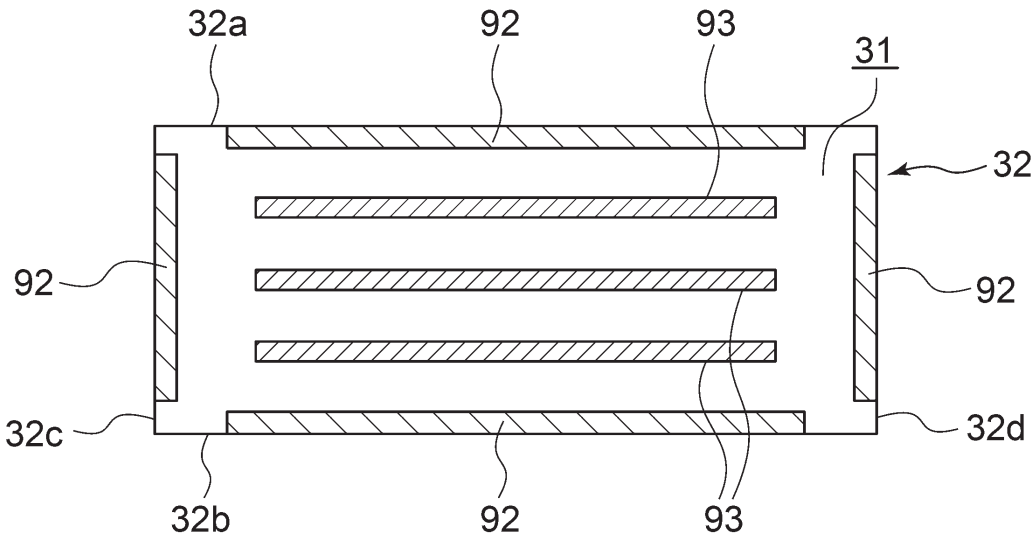


FIG. 18

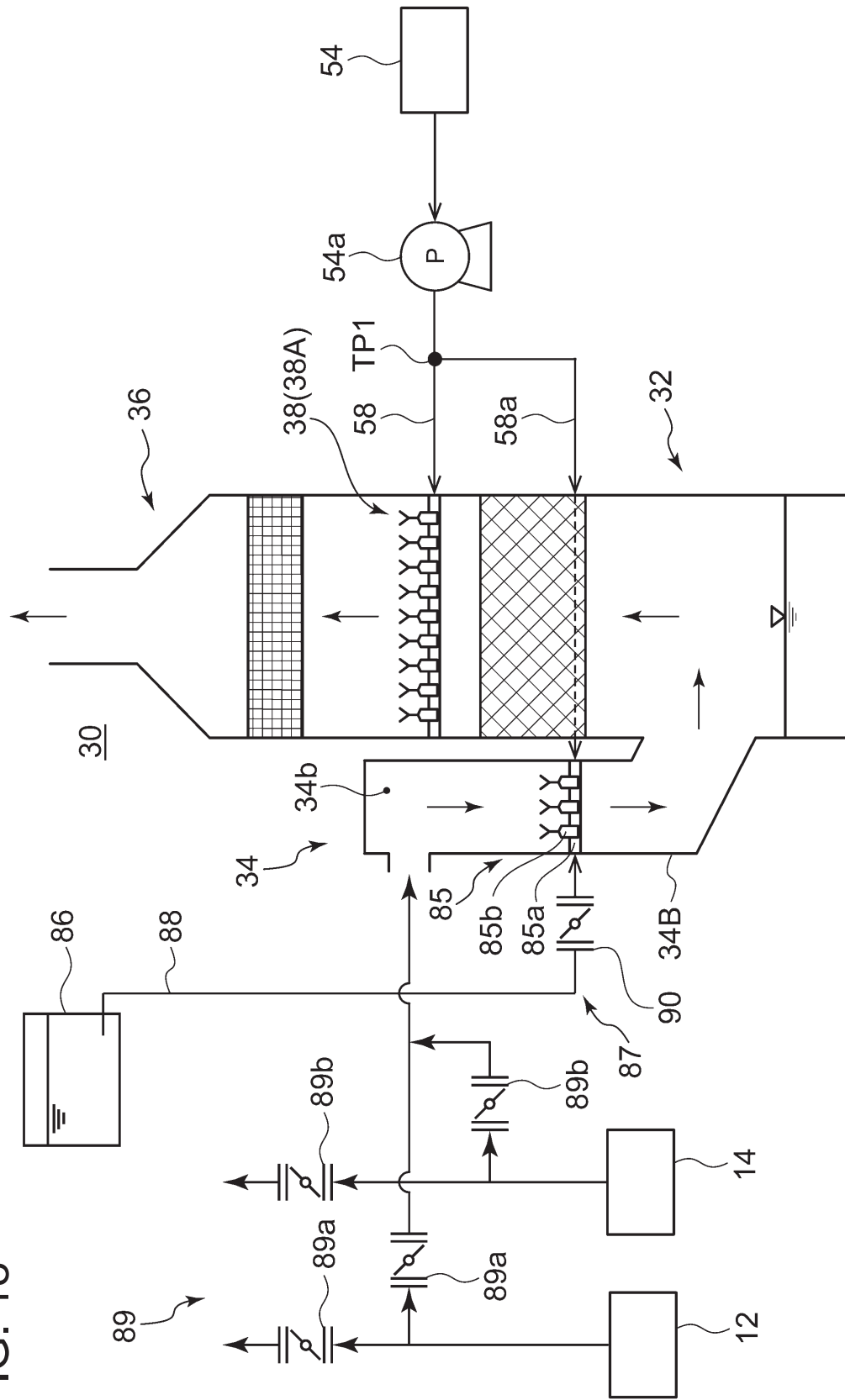


FIG. 19

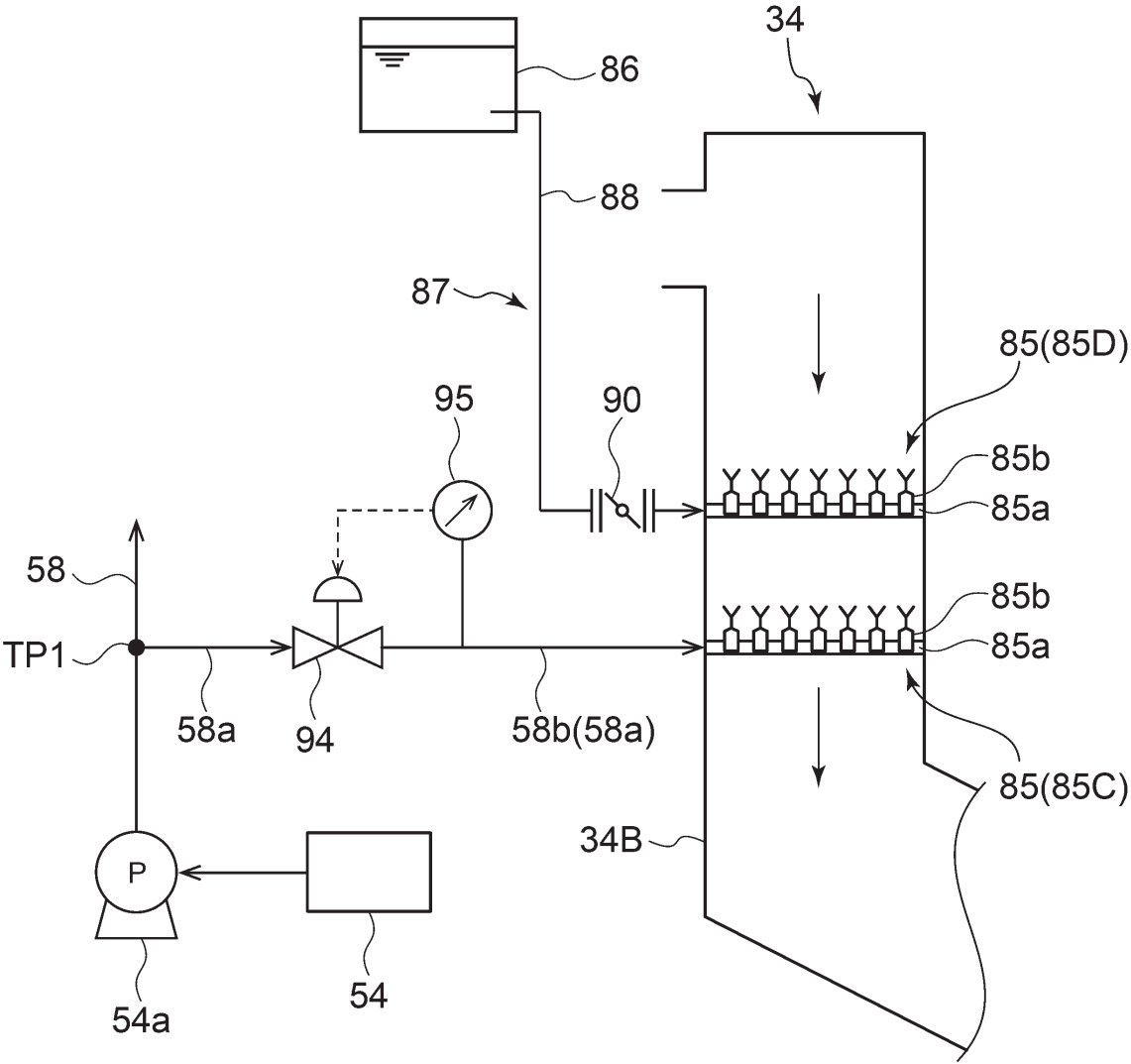


FIG. 20

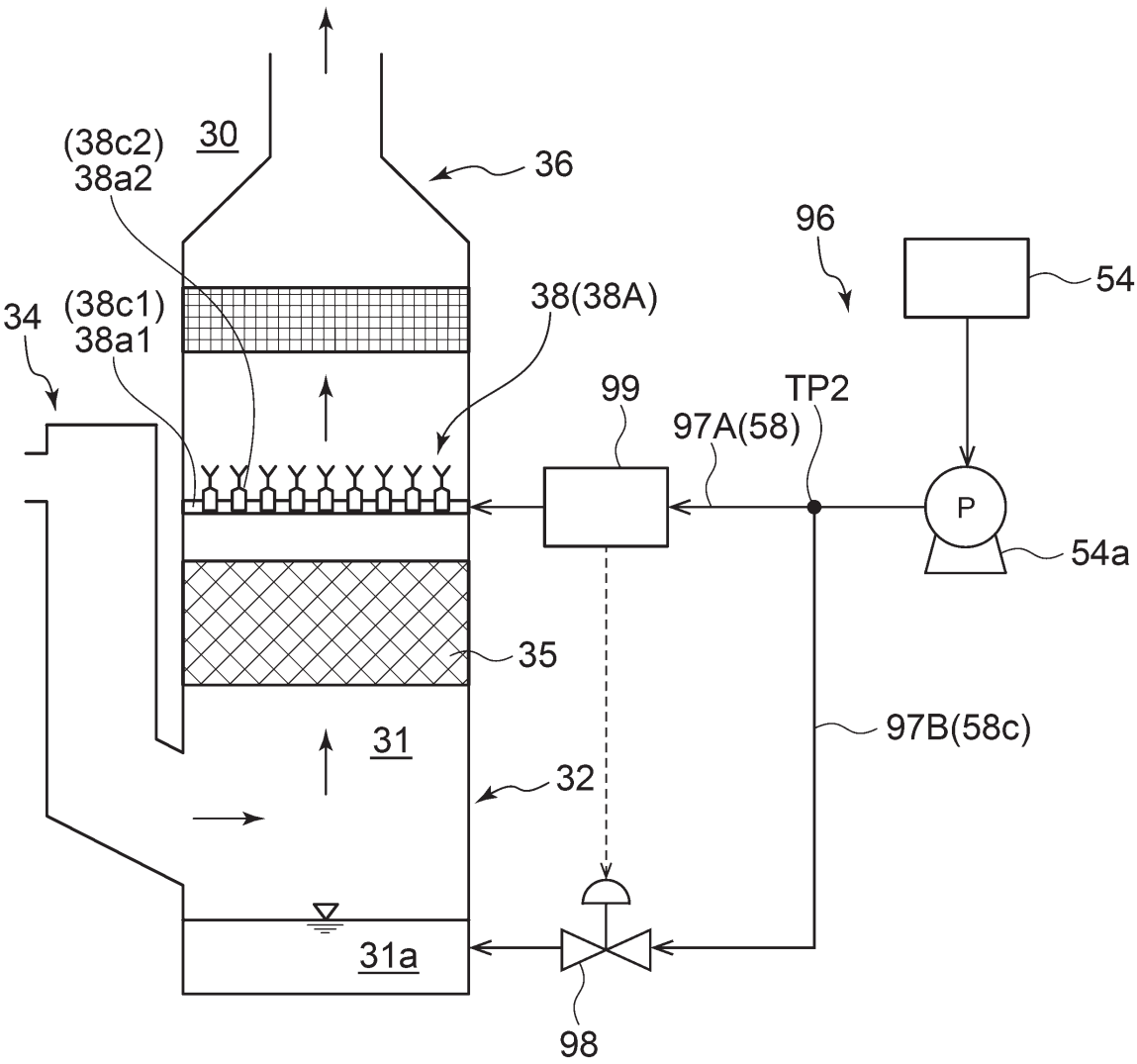


FIG. 21

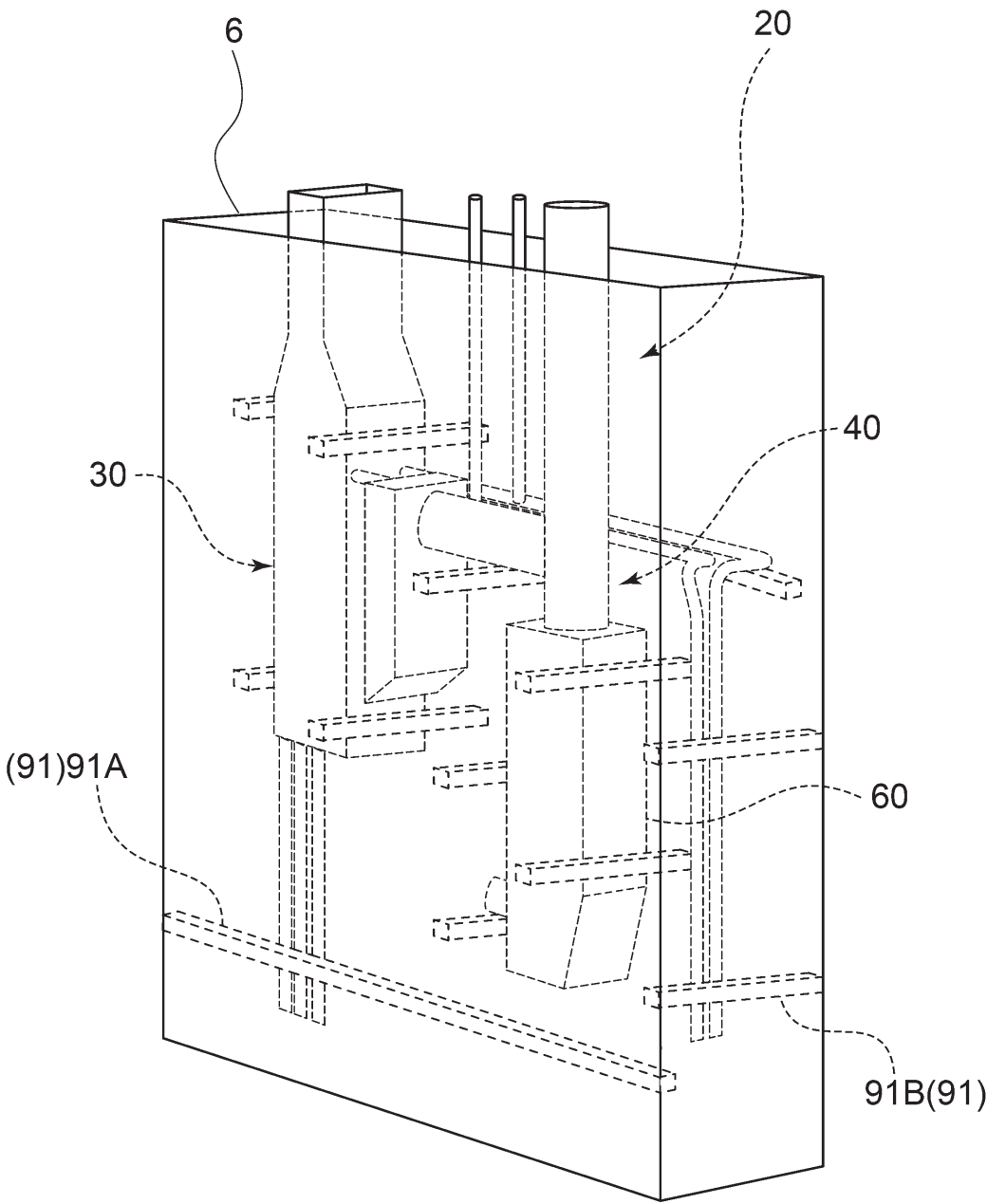


FIG. 22

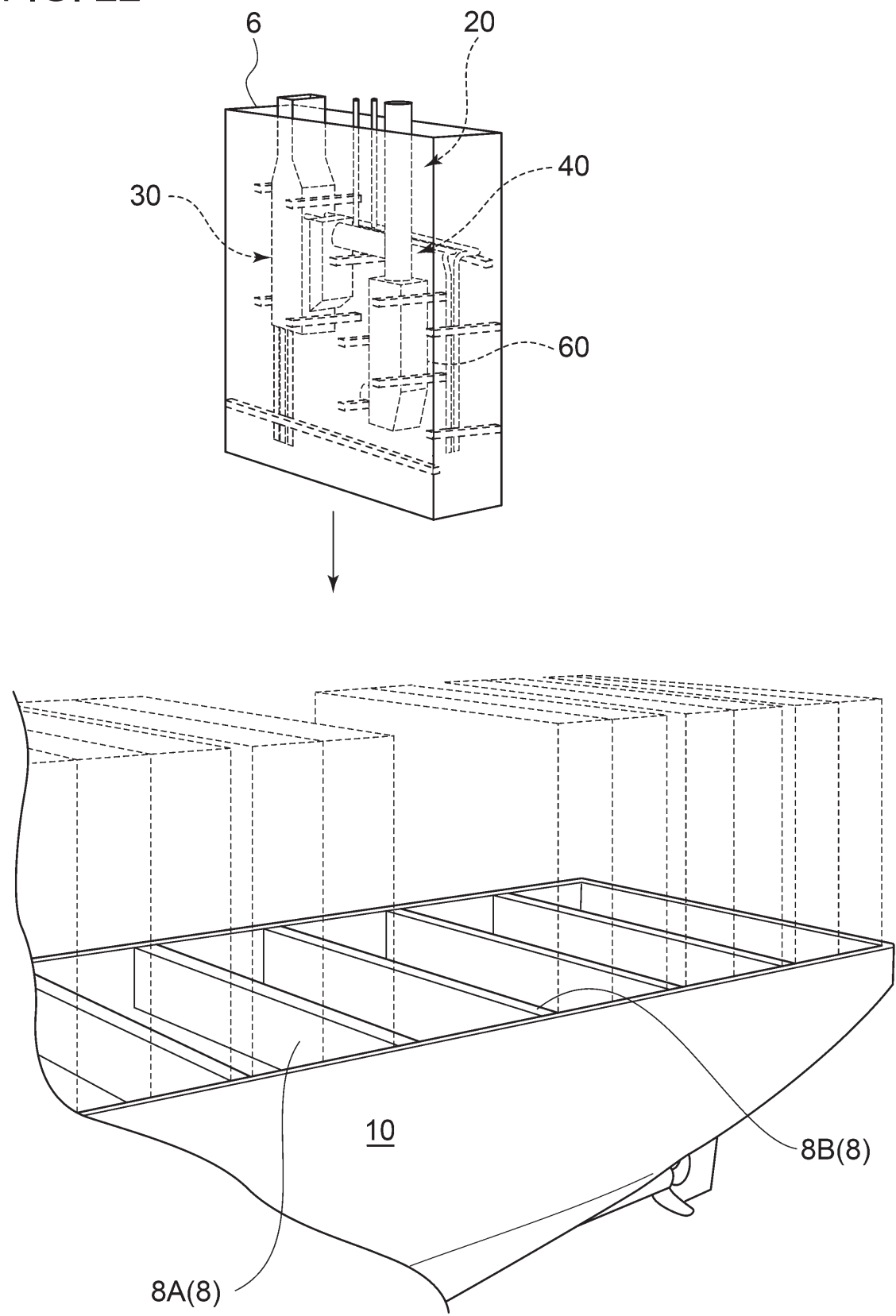


FIG. 23

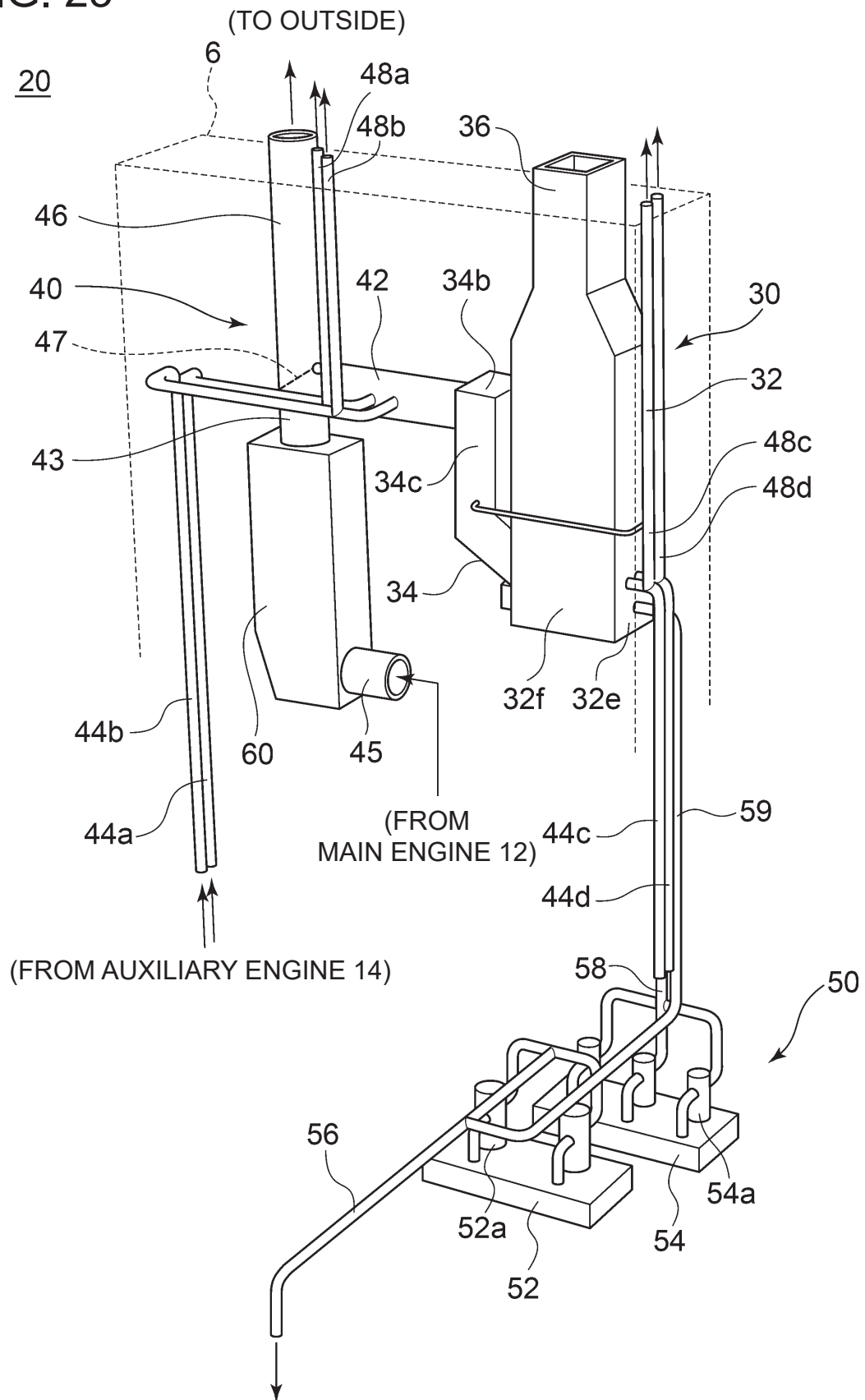


FIG. 25

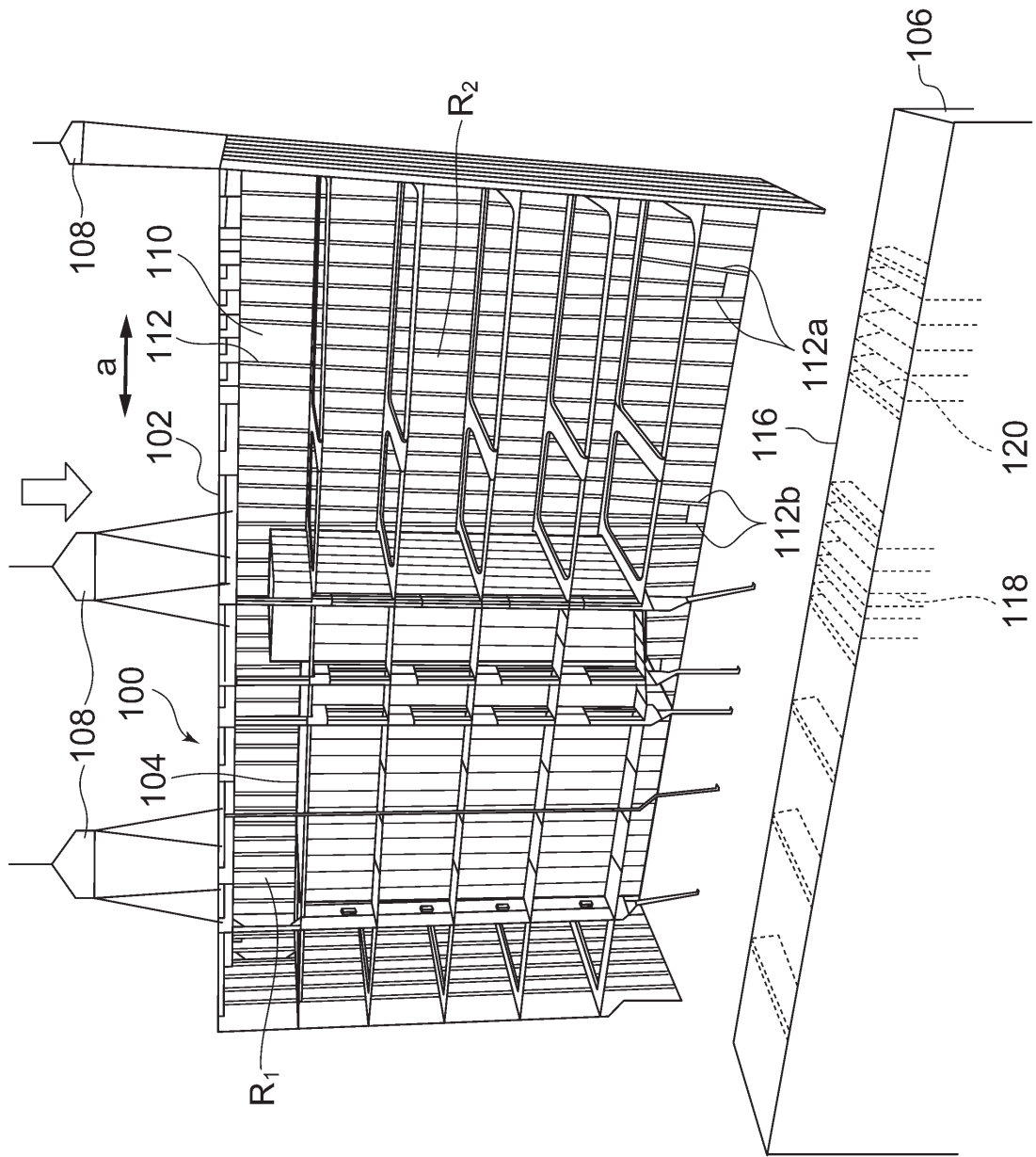


FIG. 26

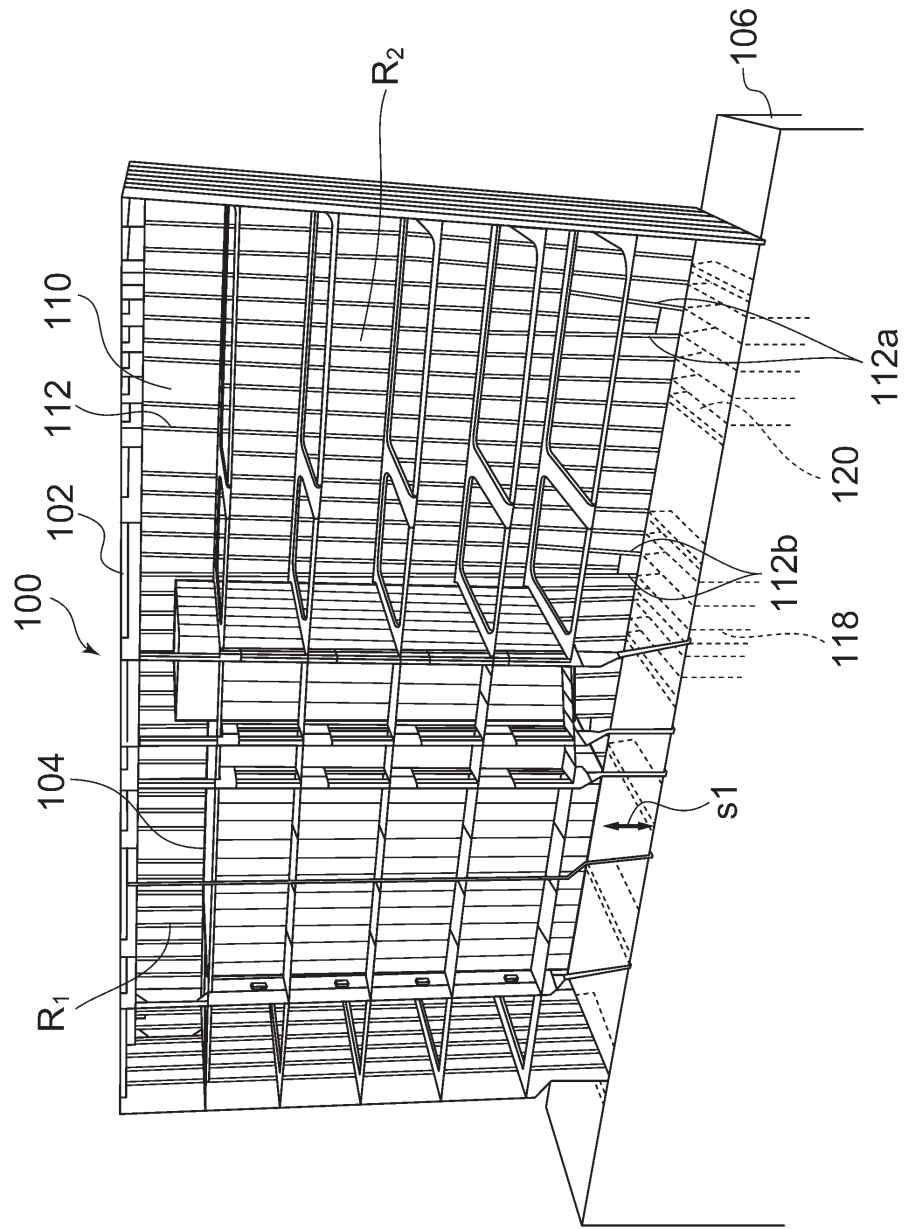


FIG. 27

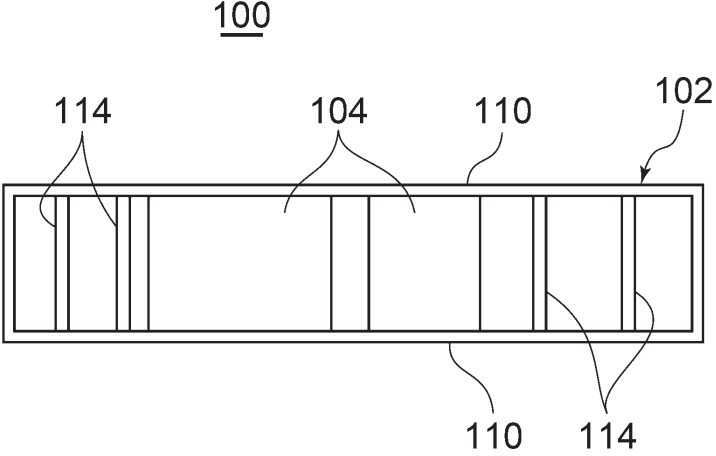


FIG. 28

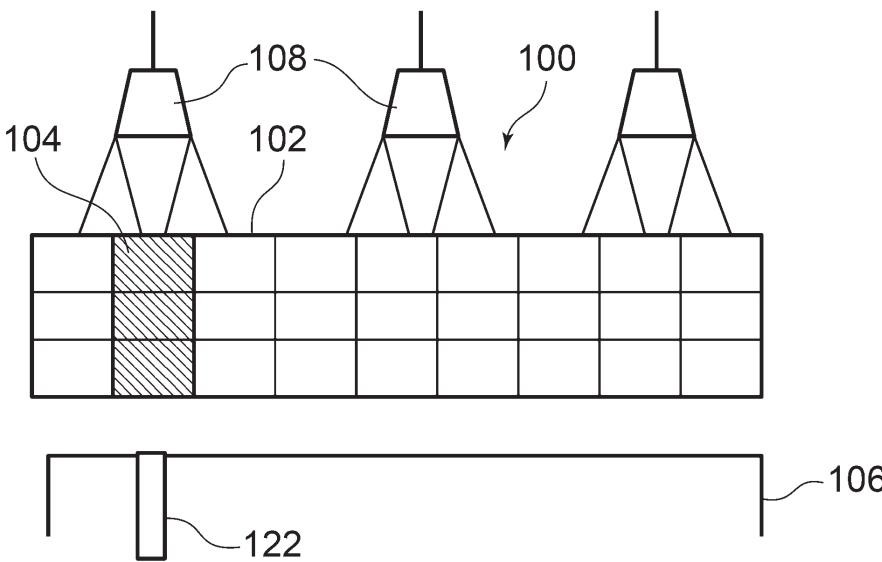


FIG. 29

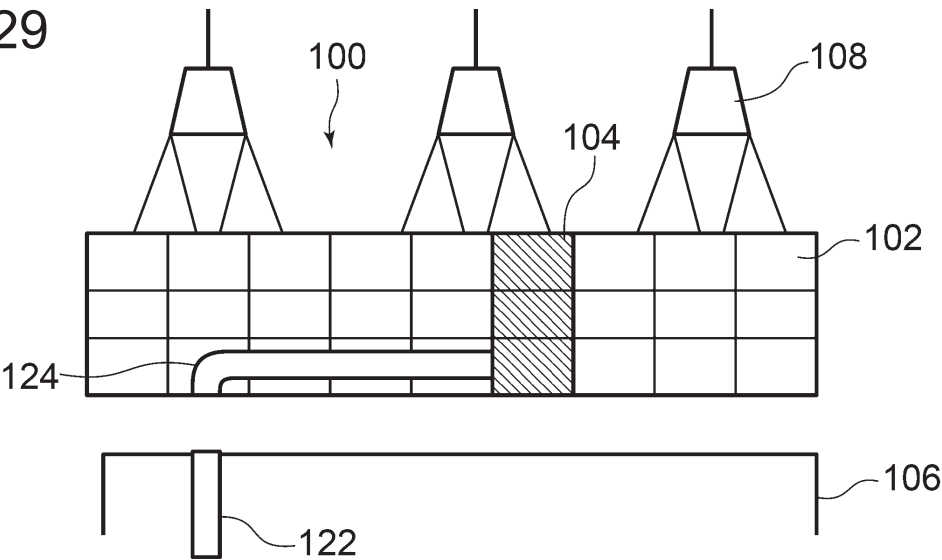


FIG. 30

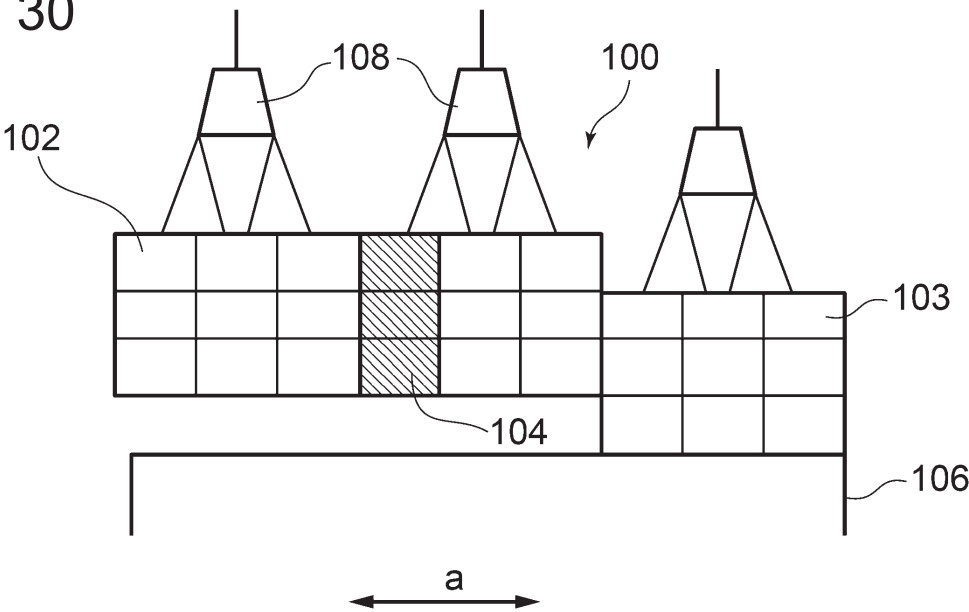


FIG. 31A

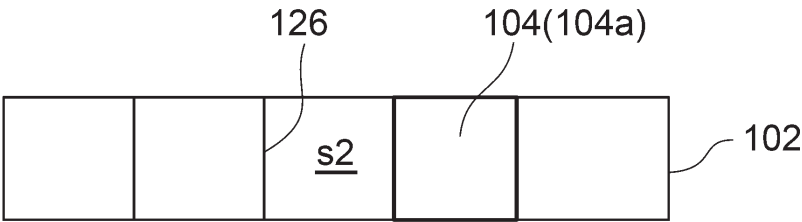


FIG. 31B

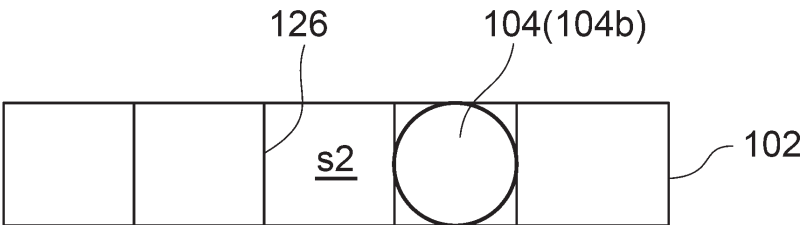


FIG. 31C

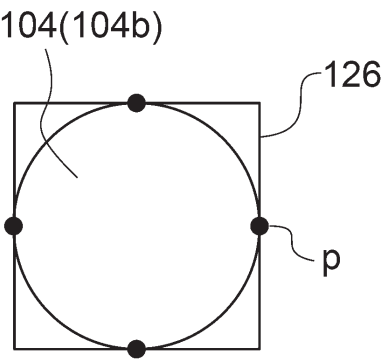


FIG. 32

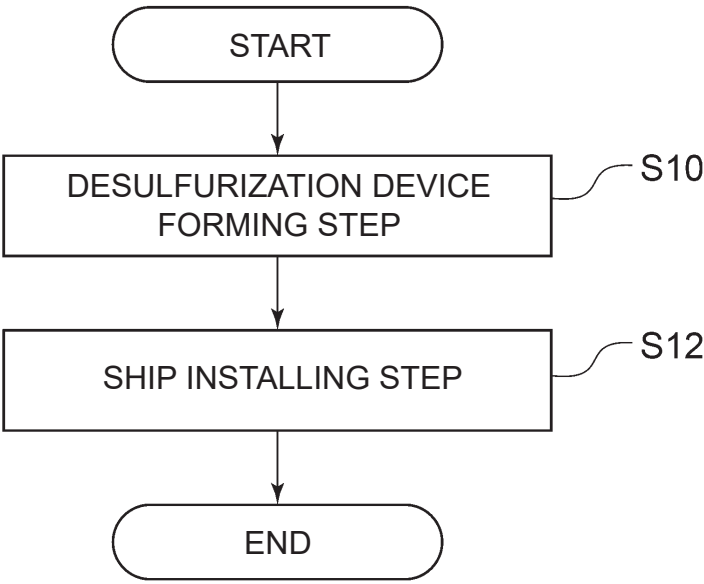


FIG. 33

