

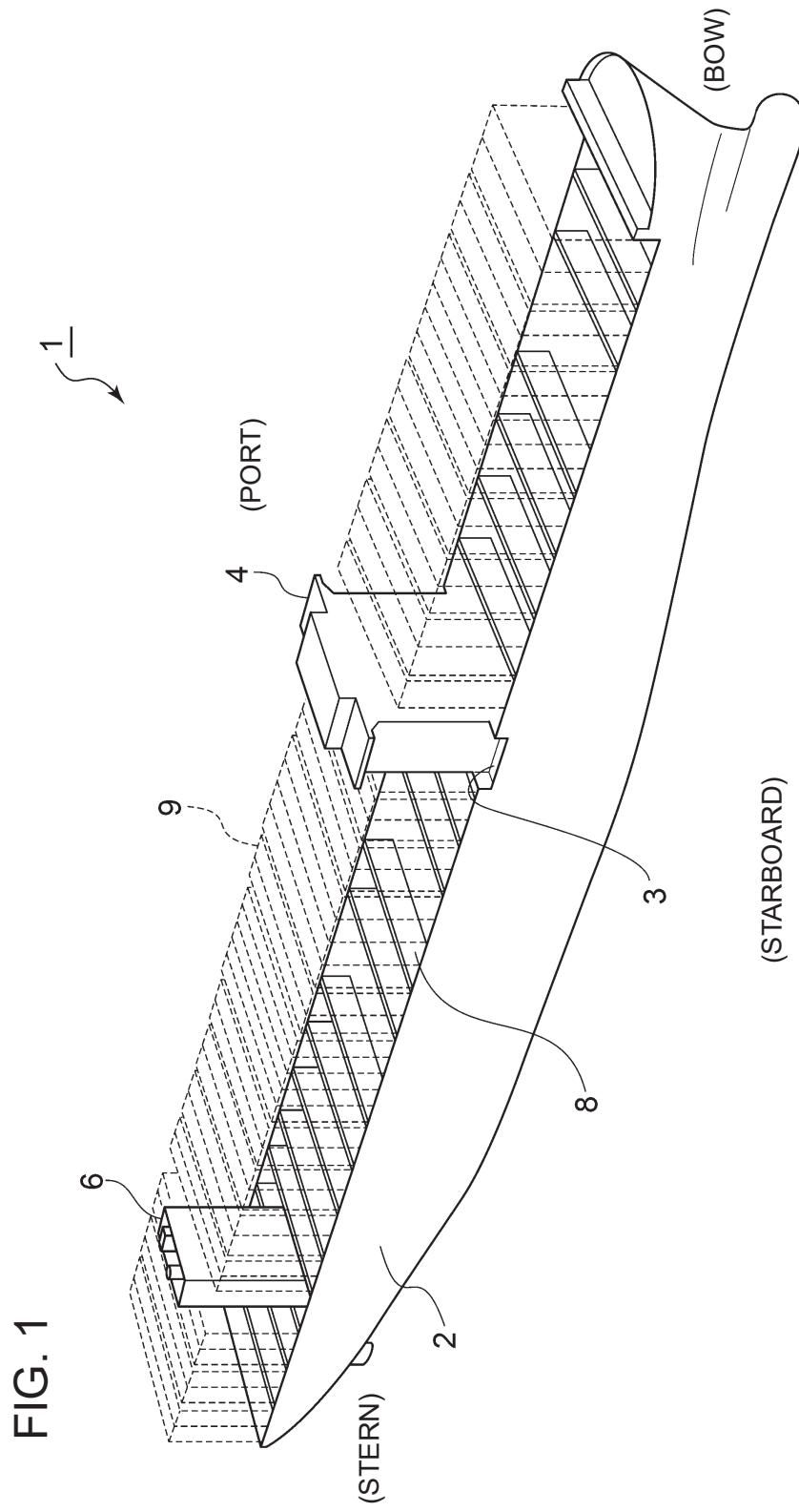
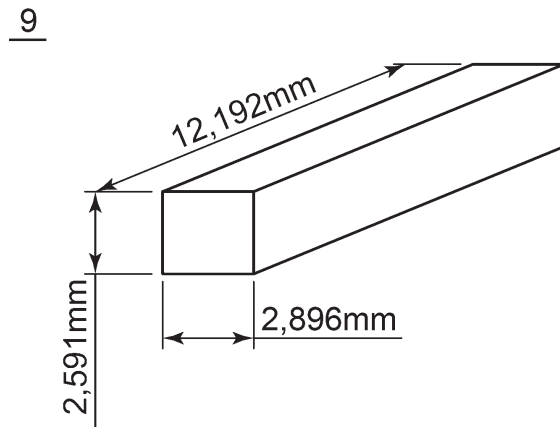


FIG. 2A



40FT CONTAINER DIMENSIONS

FIG. 2B

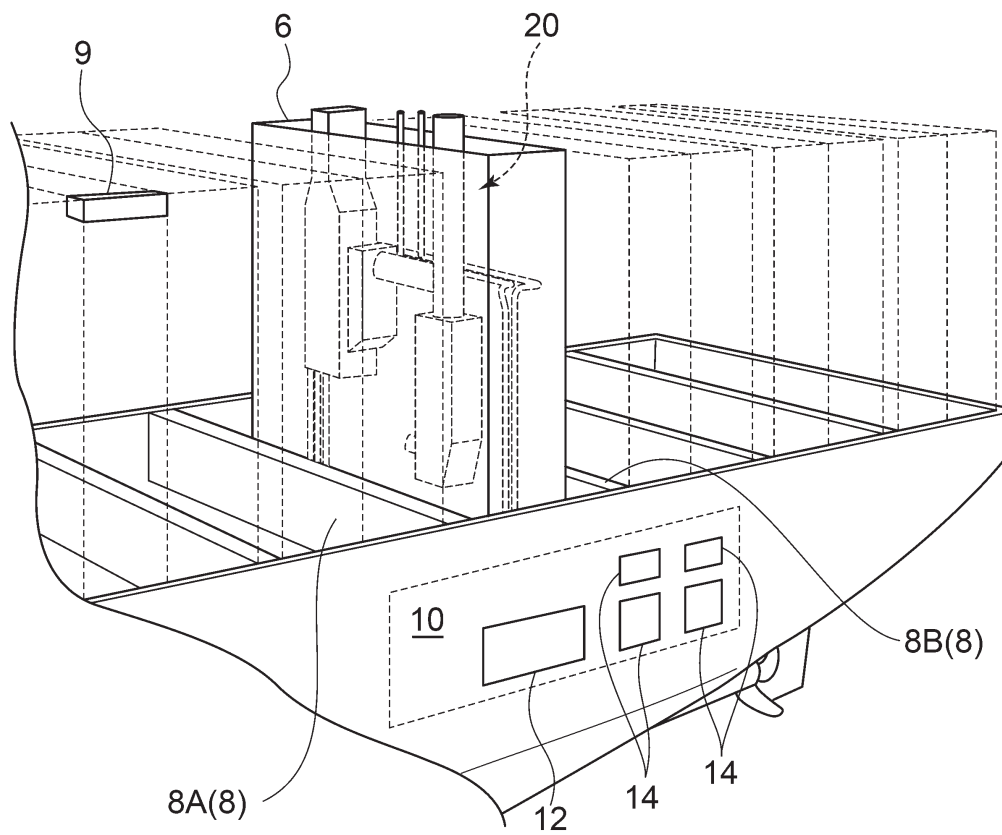


FIG. 3

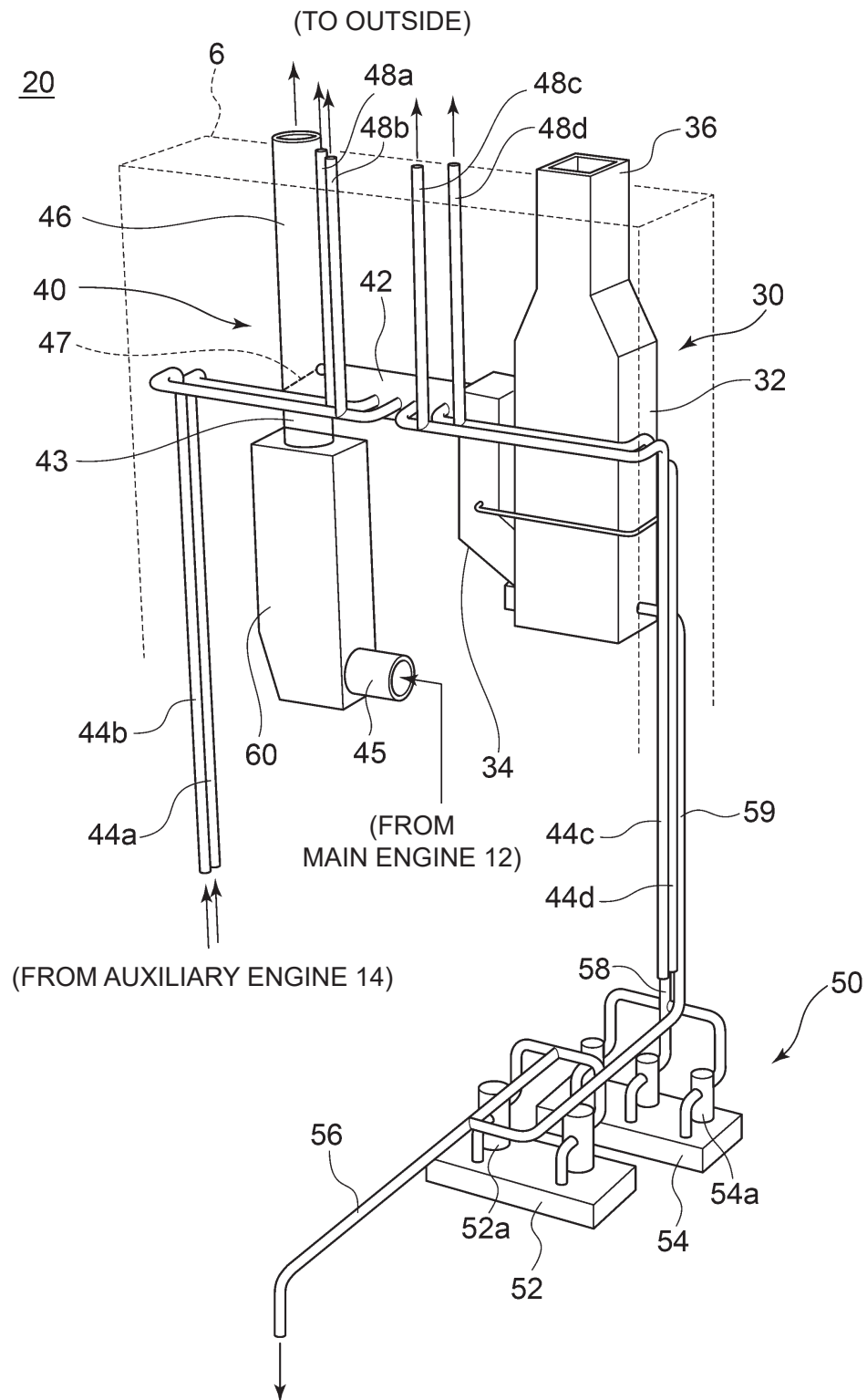


FIG. 4

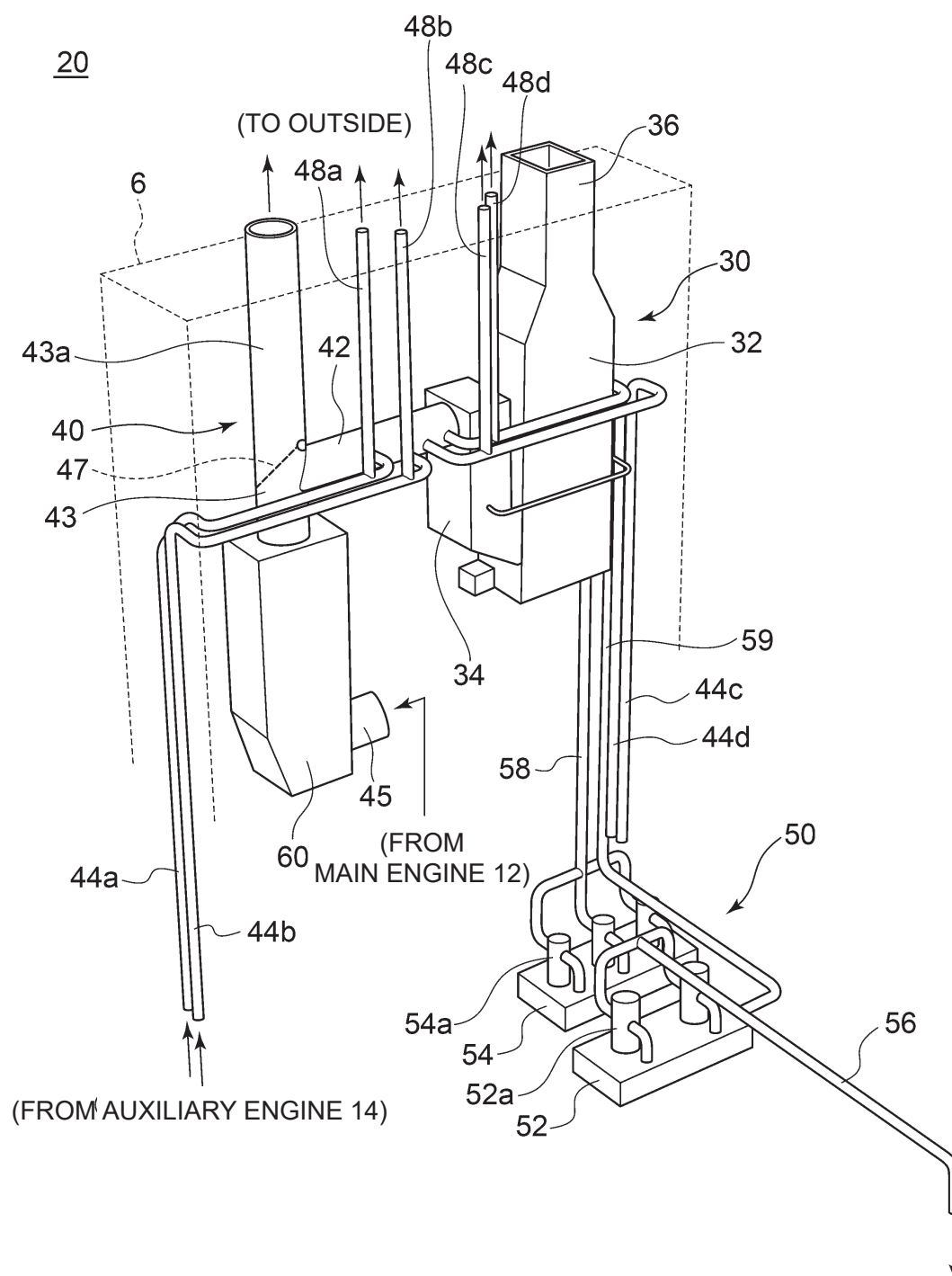


FIG. 5

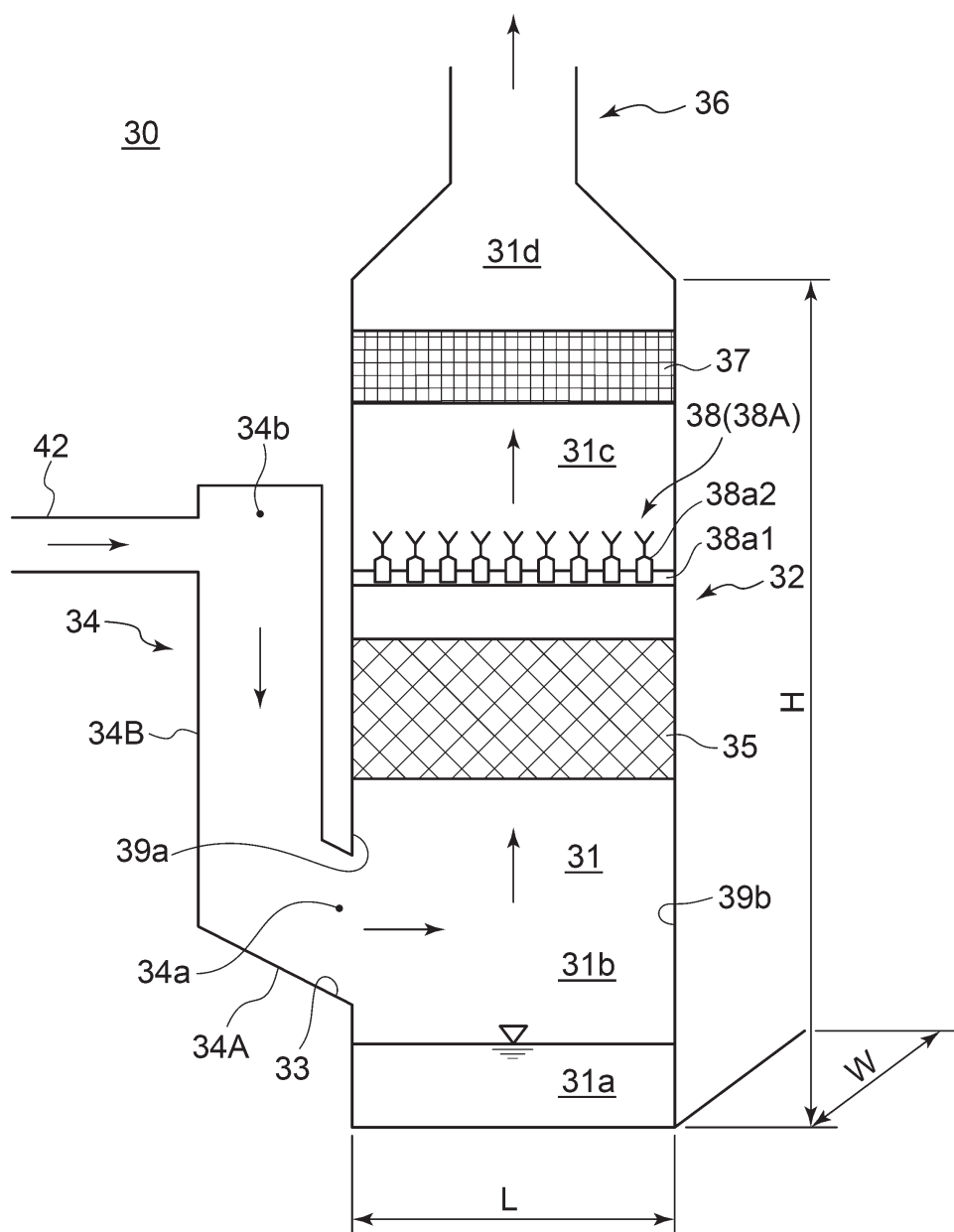


FIG. 6A NECESSARY ABSORBER AREA: 24m^2
EQUIVALENT DIAMETER (D): 5.53m

(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: 32m^2
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: 48m^2
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

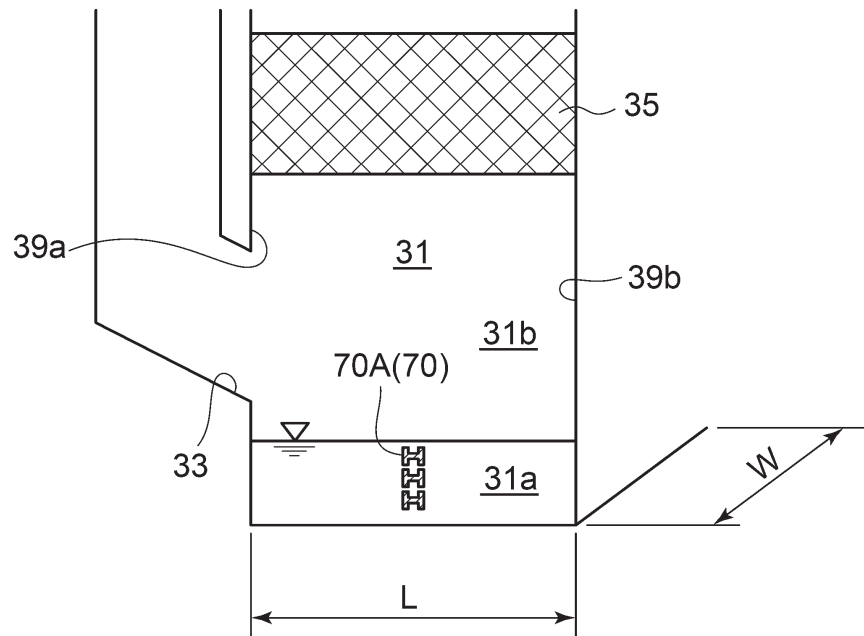


FIG. 7B

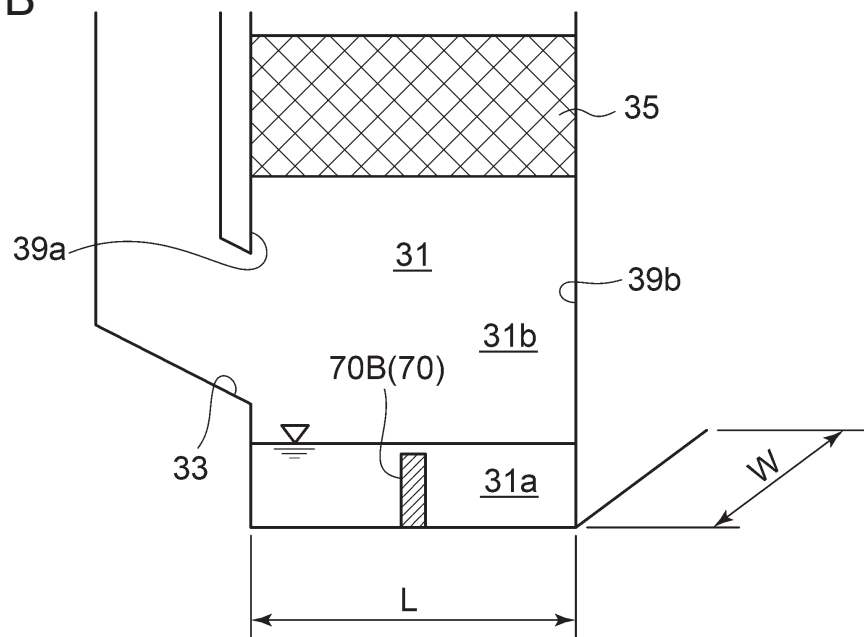


FIG. 8

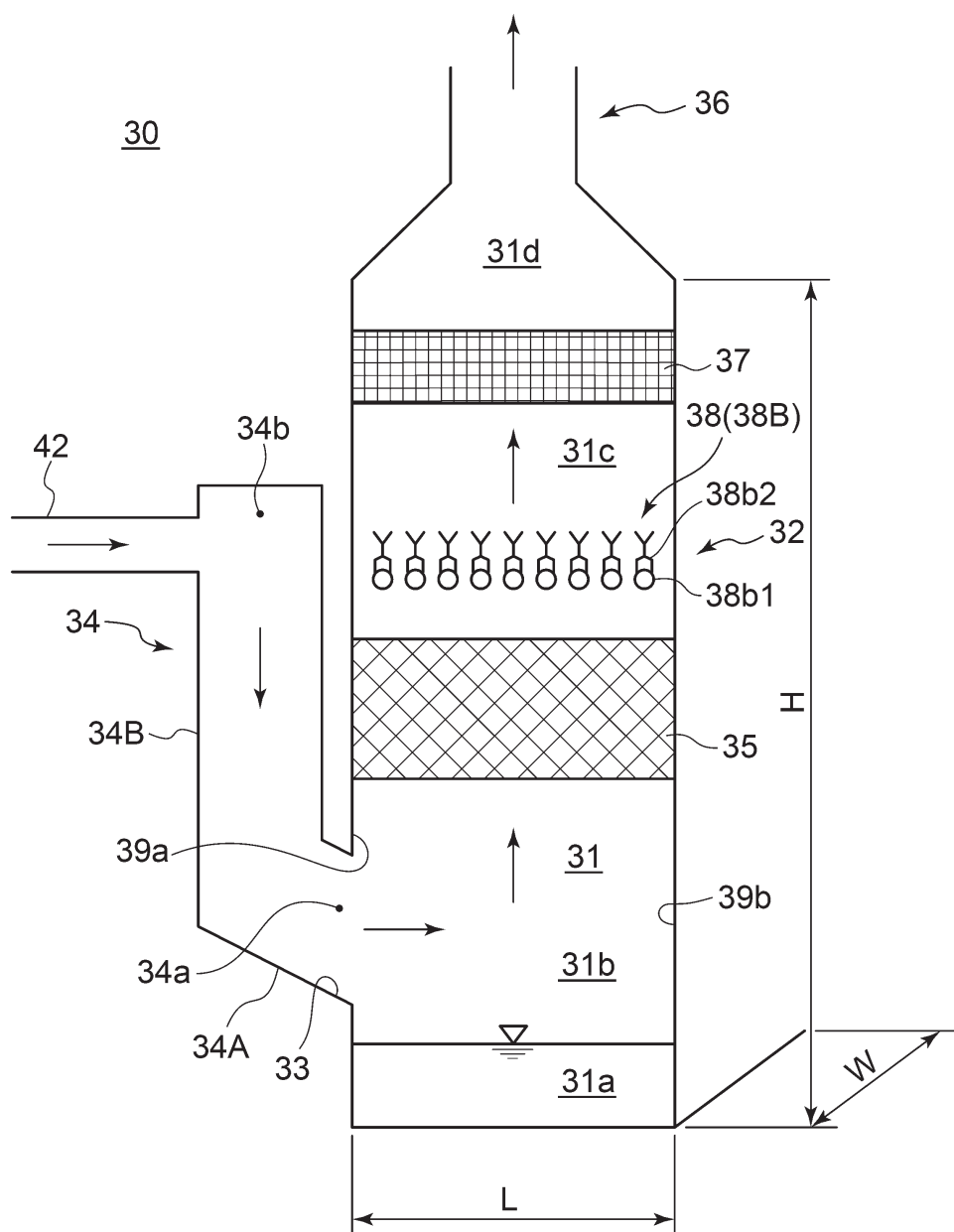


FIG. 9

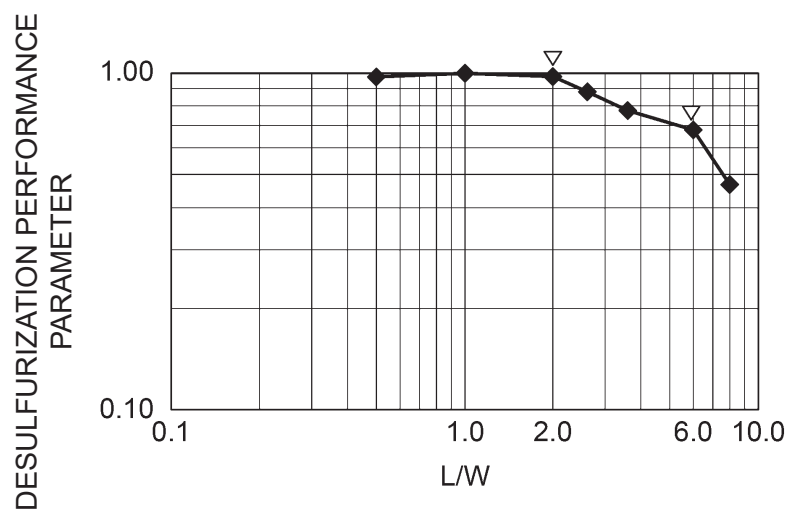


FIG. 10

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

