

FIG. 1

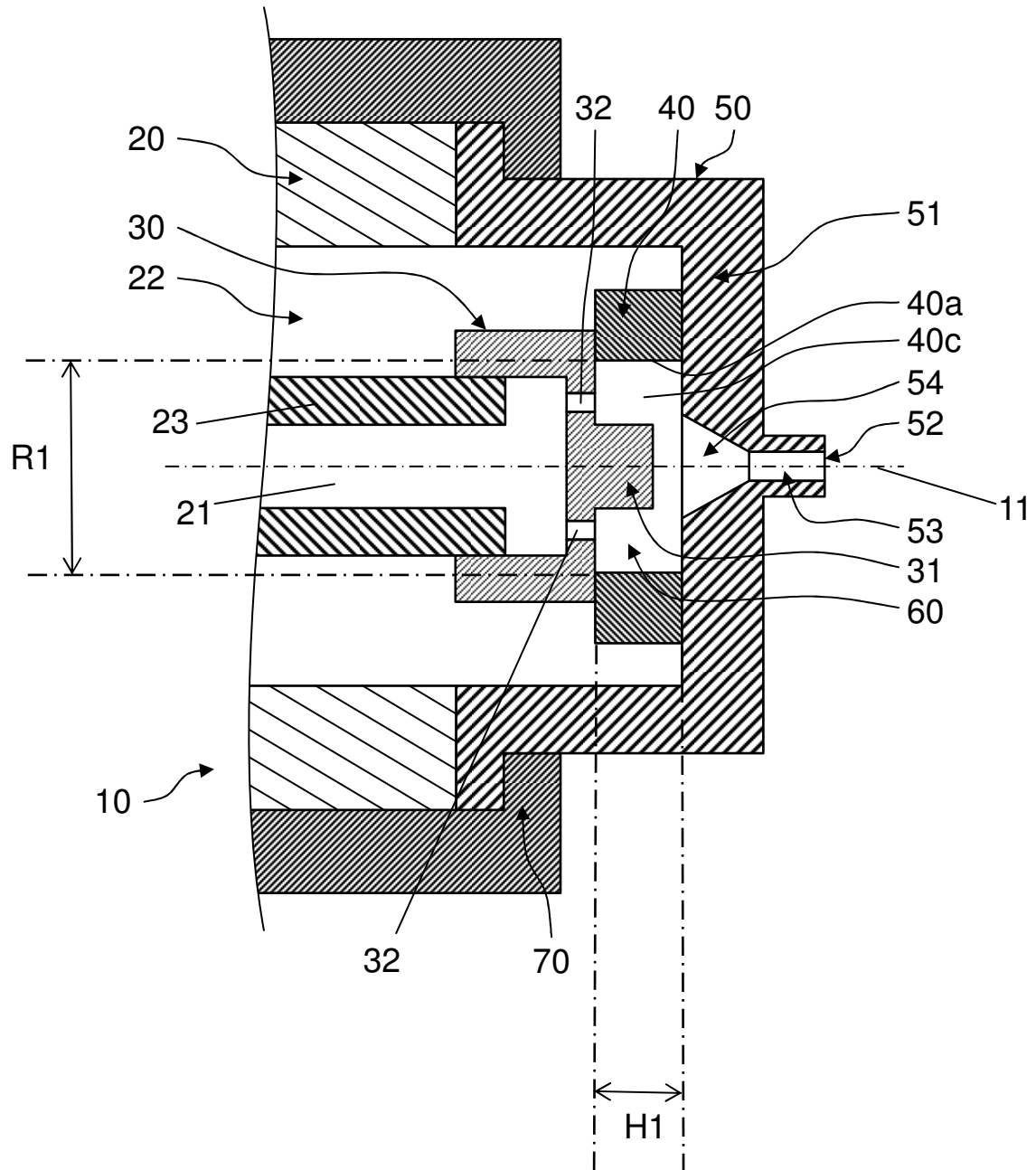


FIG. 2

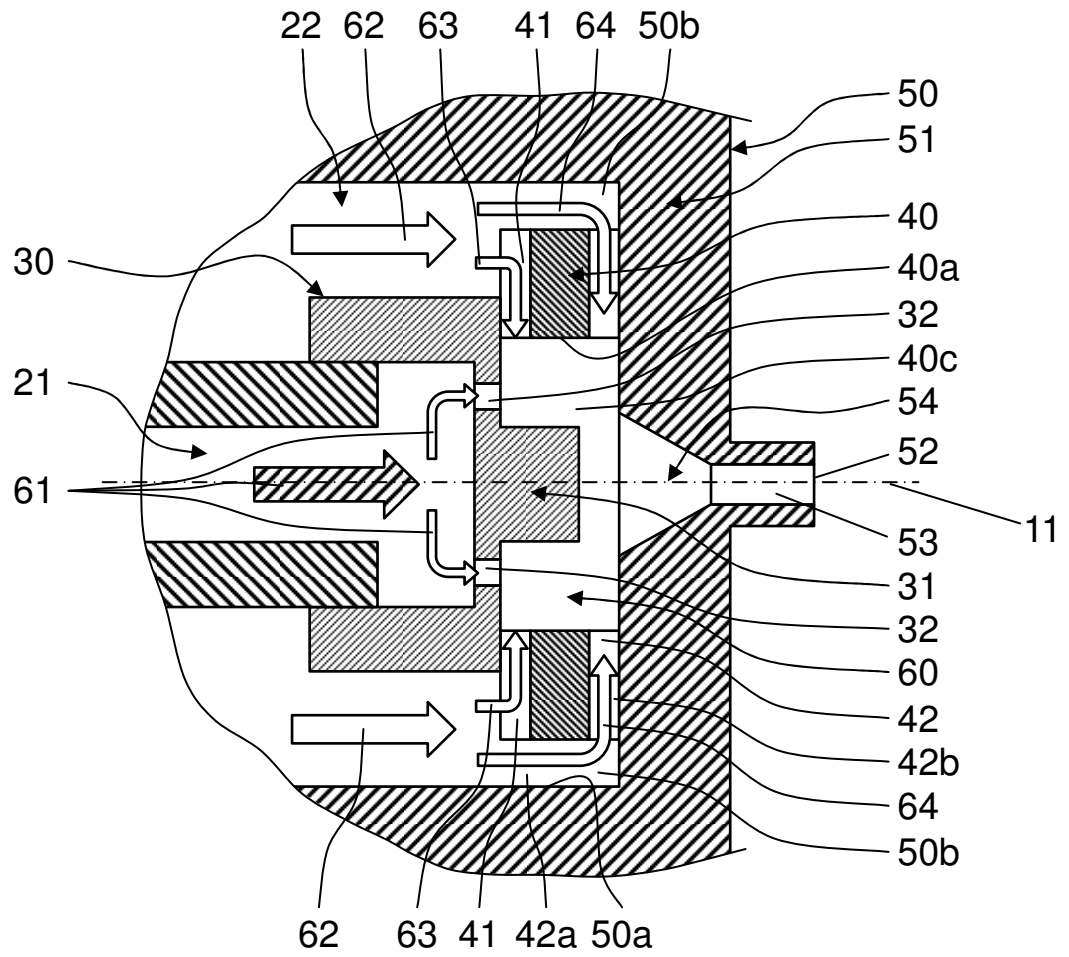


FIG. 3A

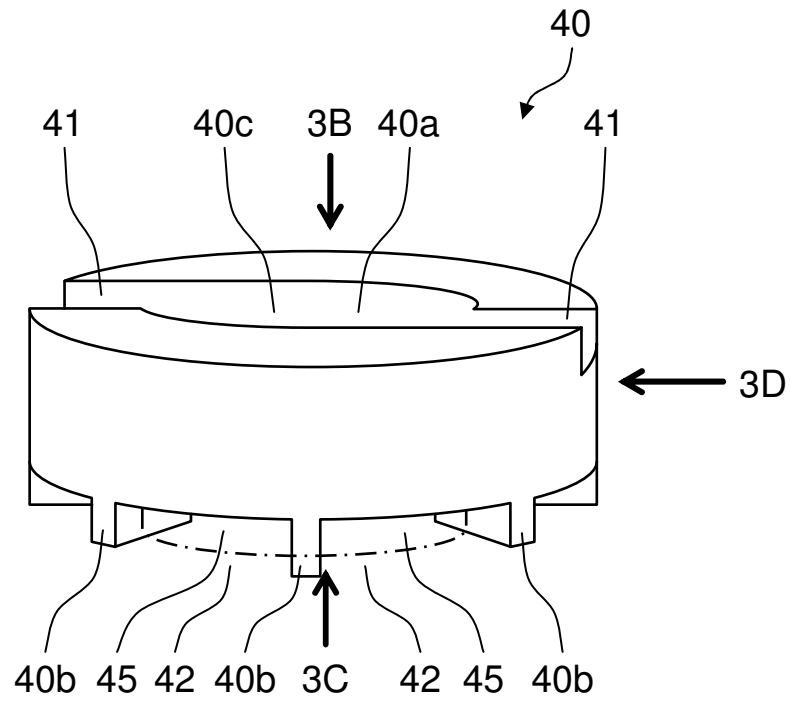


FIG. 3B

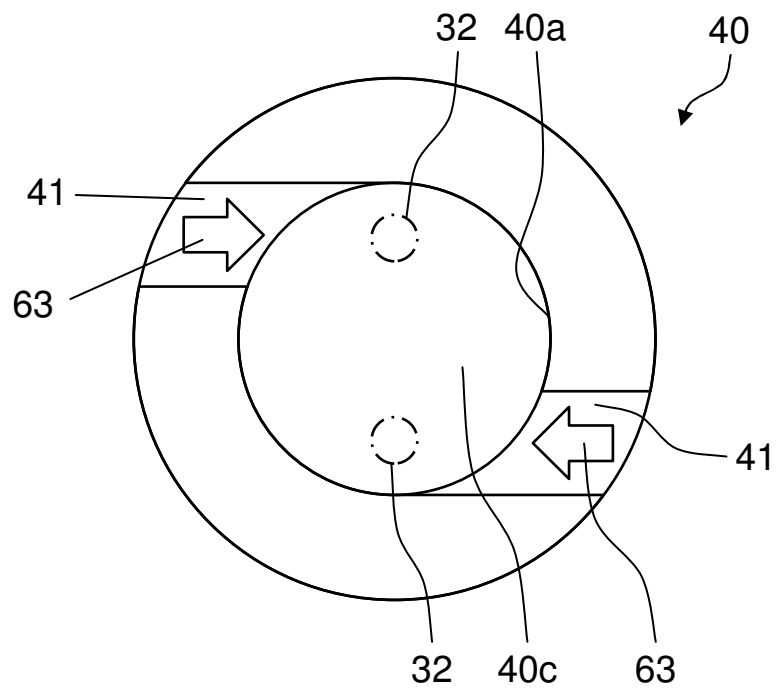


FIG. 3C

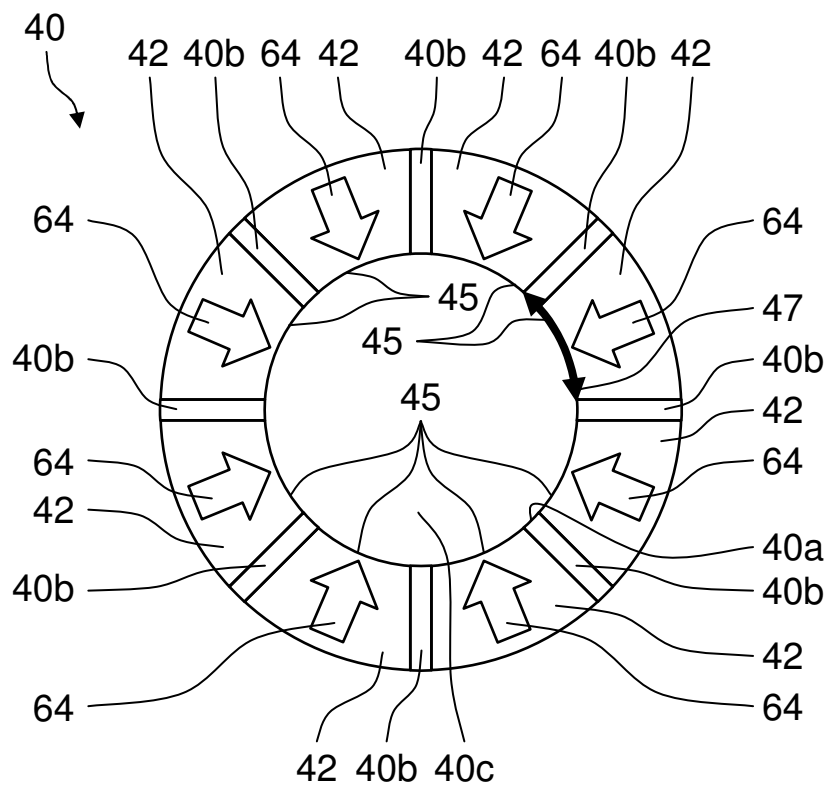


FIG. 3D

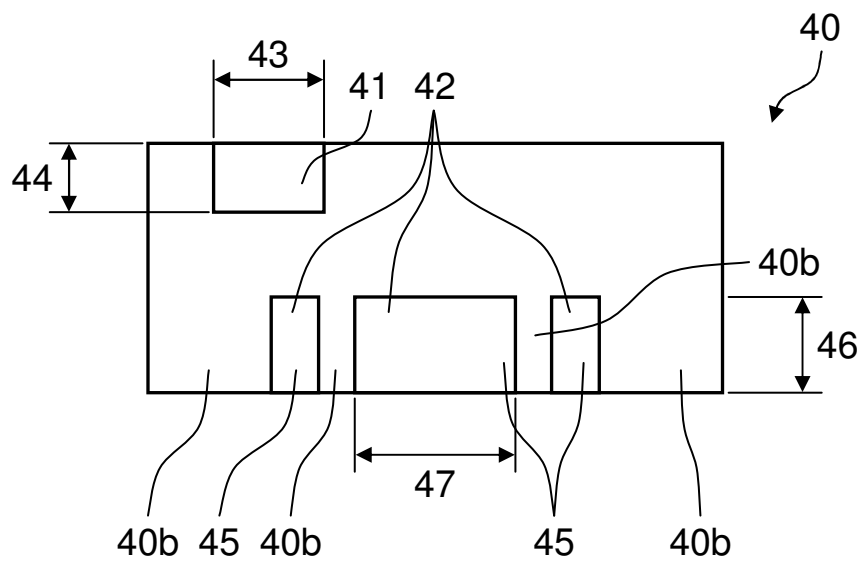


FIG. 4A

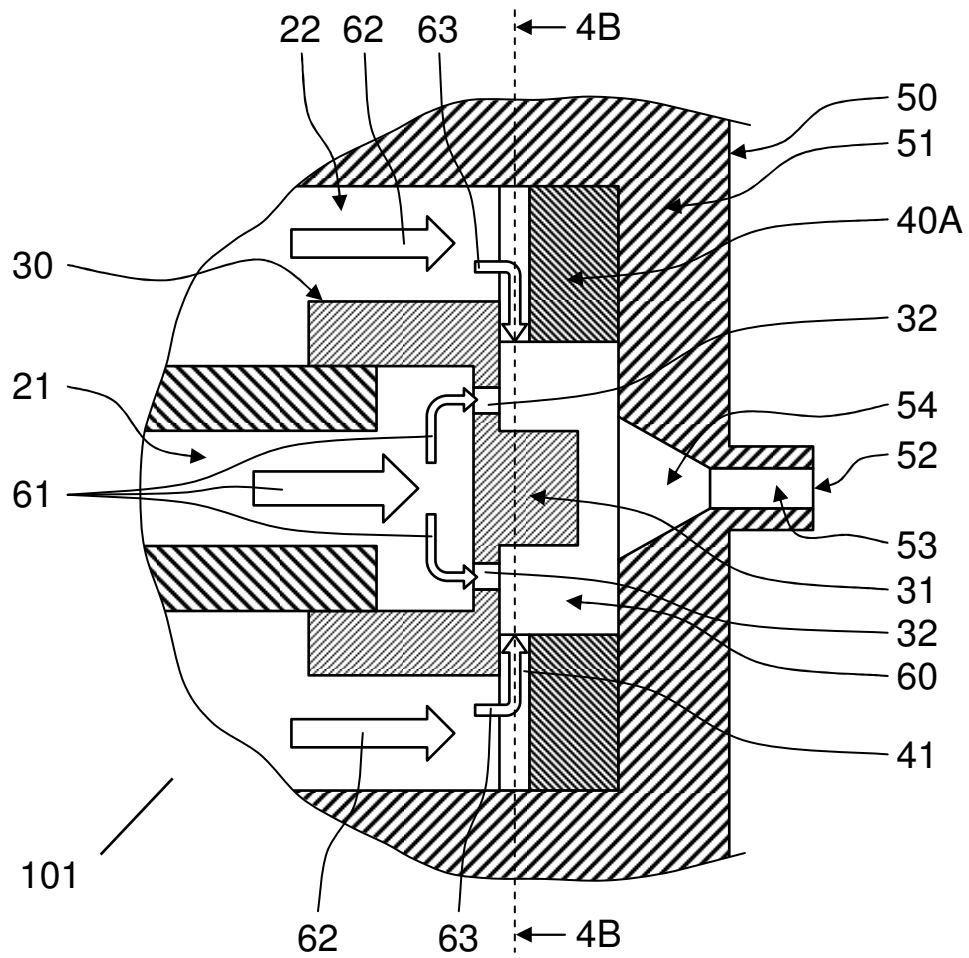


FIG. 4B

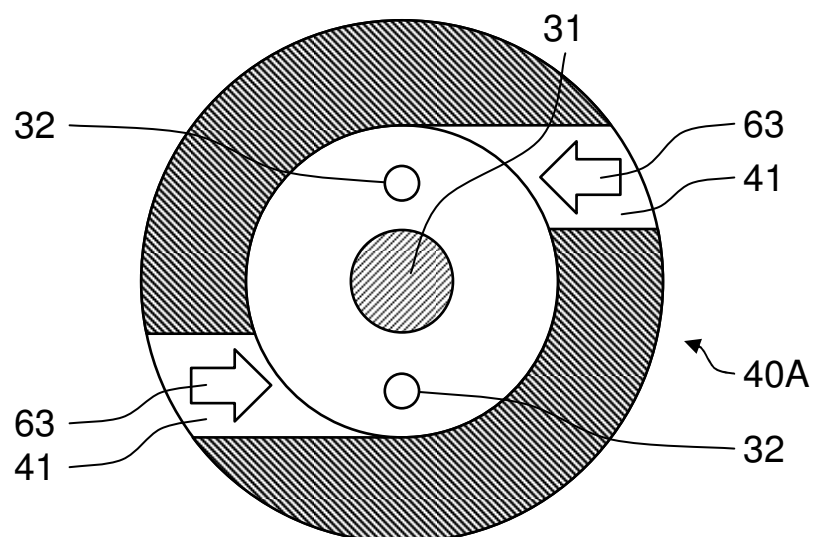


FIG. 5

OPENING HEIGHT [mm]	AREA RATIO OF SECOND GAS INLET [-]	PARTICLE DIAMETER [μm]	NOISE VALUE [dB]
0 (RELATED ART)	0 (RELATED ART)	8.5	76
0.05	0.25	8.8	74
0.1	0.5	8.5	73
0.2	1.0	8.7	72
0.3	1.5	8.8	72
0.4	2.0	9.1	71
0.5	2.5	9.4	70
0.6	3.0	10.2	69

FIG. 6

OPENING HEIGHT [mm]	AREA RATIO OF SECOND GAS INLET [-]	PARTICLE DIAMETER [μm]	NOISE VALUE [dB]
0 (RELATED ART)	0	8.5	76
2.25	0.125	8.5	76
4.50	0.250	8.8	75
6.75	0.375	8.9	75
9.0	0.500	8.8	75
11.3	0.625	9.1	73
13.5	0.750	8.1	73
15.8	0.875	9.8	72
18.0	1.000	8.6	72

FIG. 7A

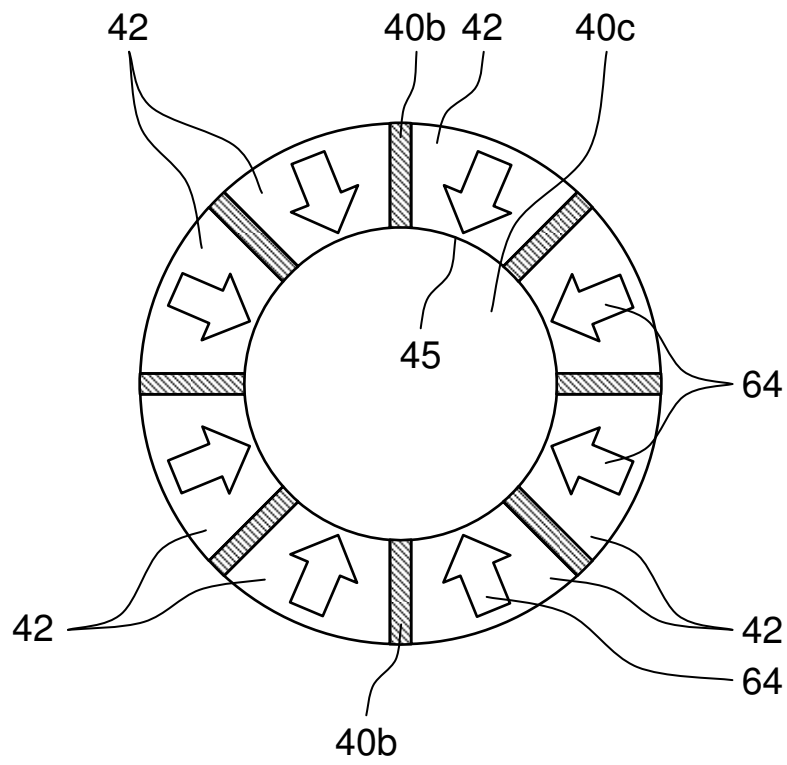


FIG. 7B

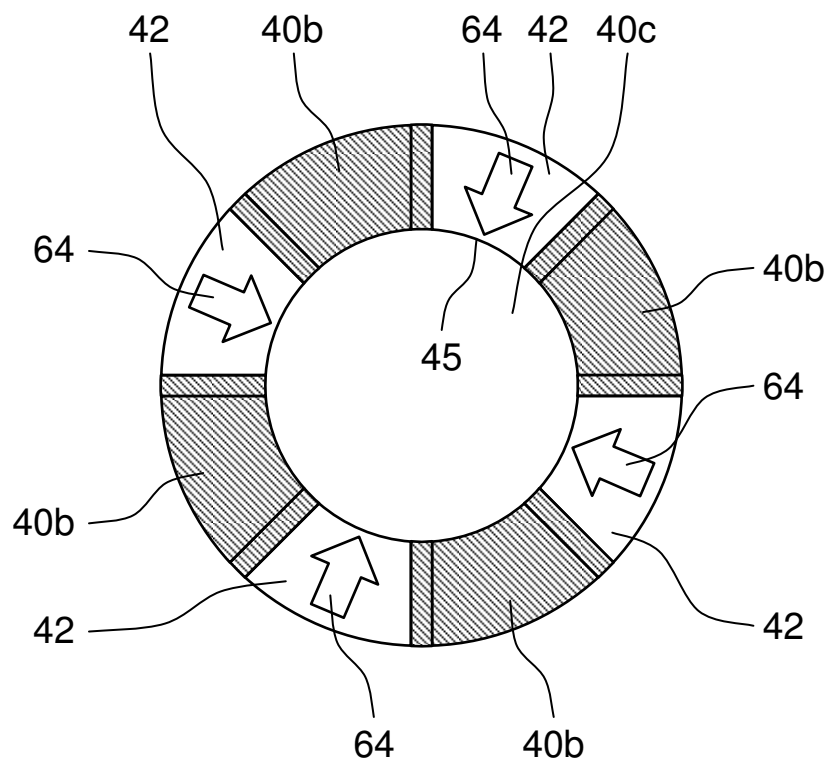


FIG. 7C

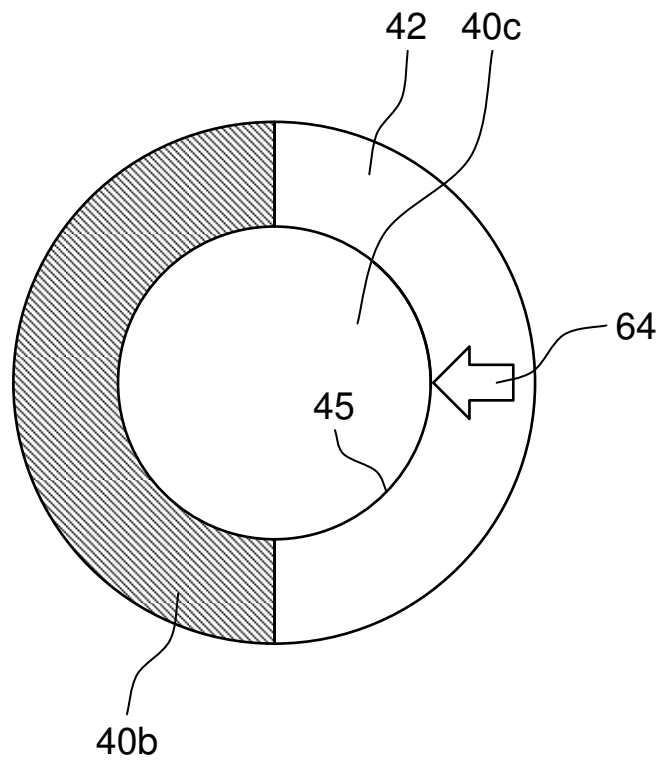


FIG. 8

