

FIG. 1A

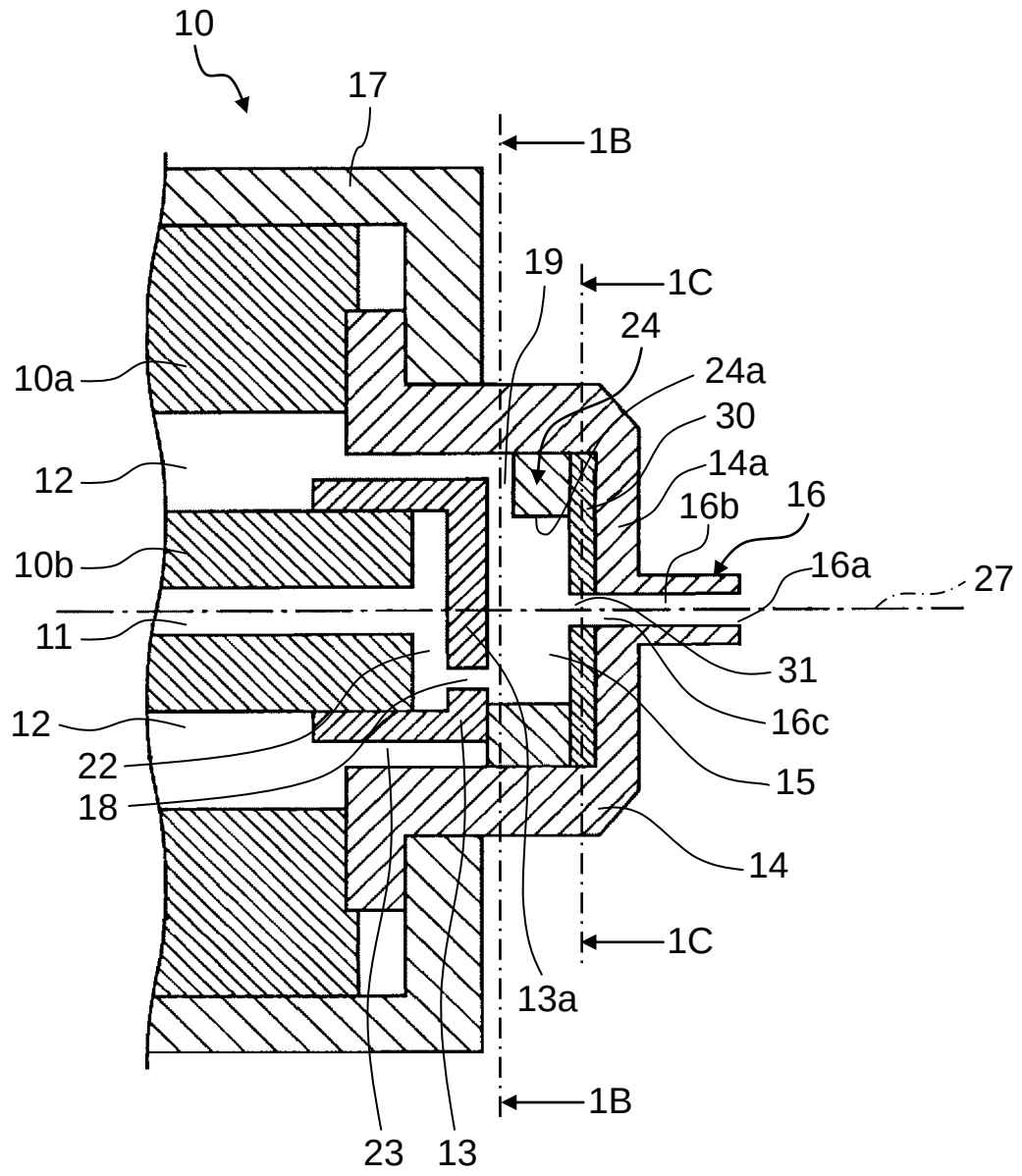


FIG. 1B

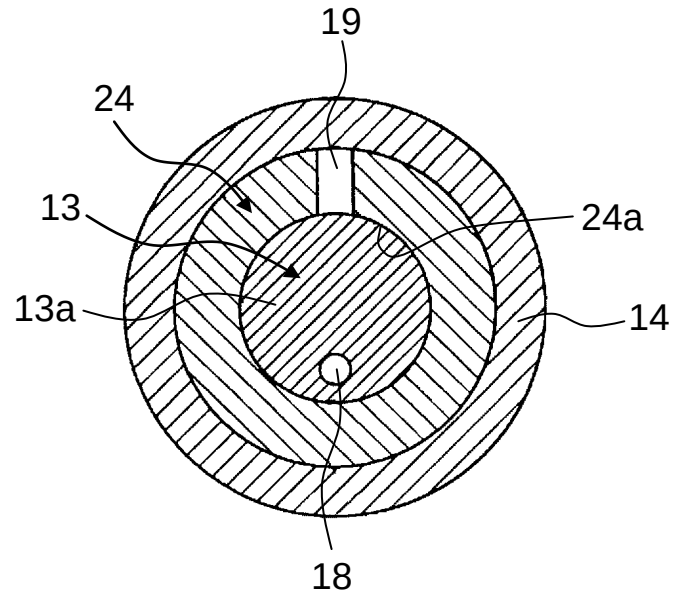


FIG. 1C

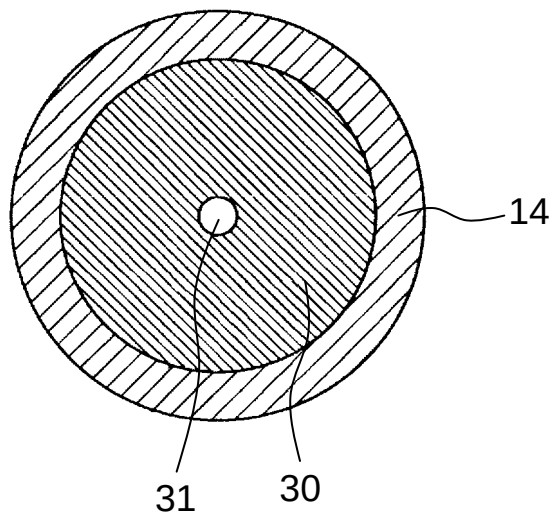


FIG. 2

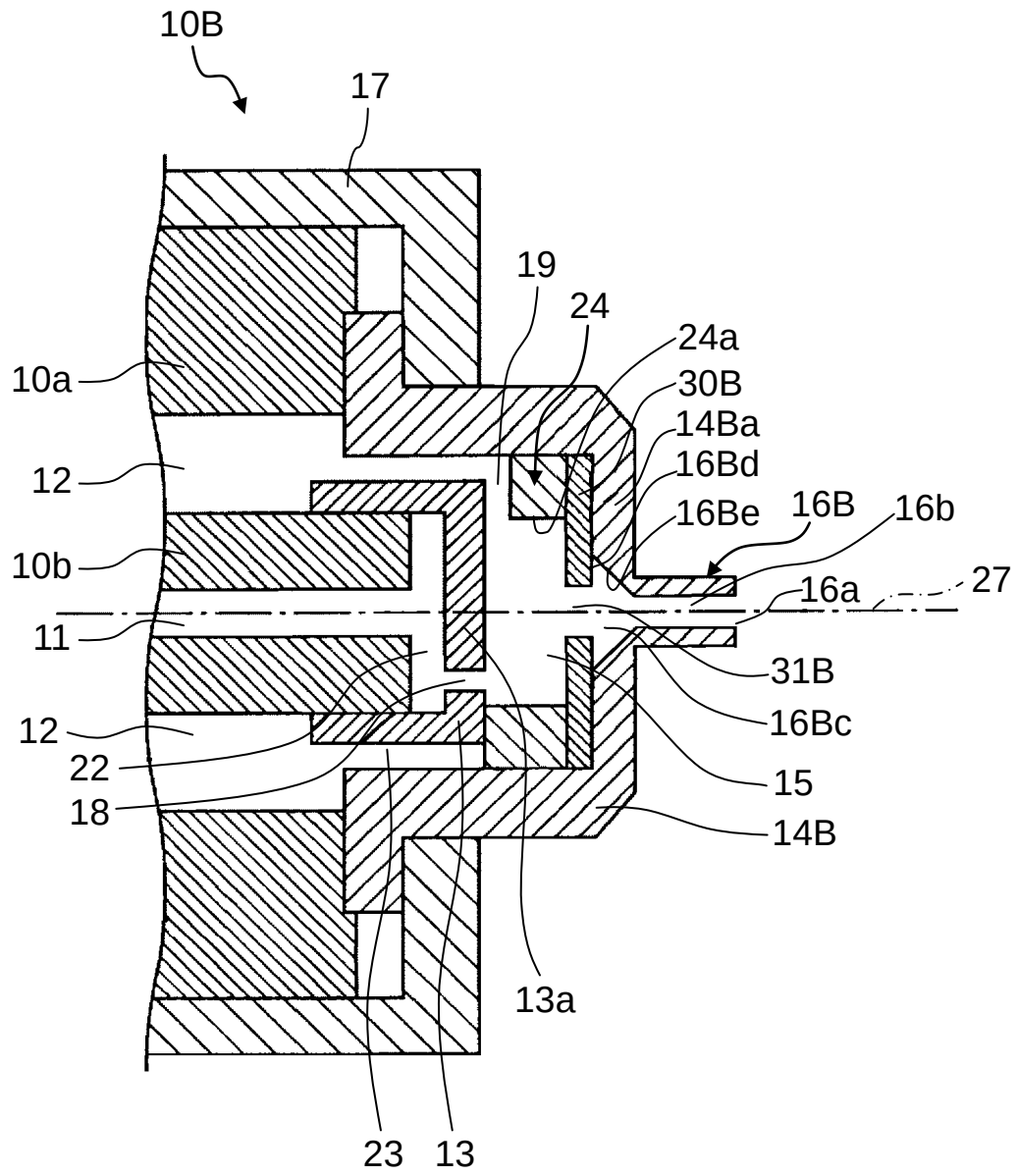


FIG. 3

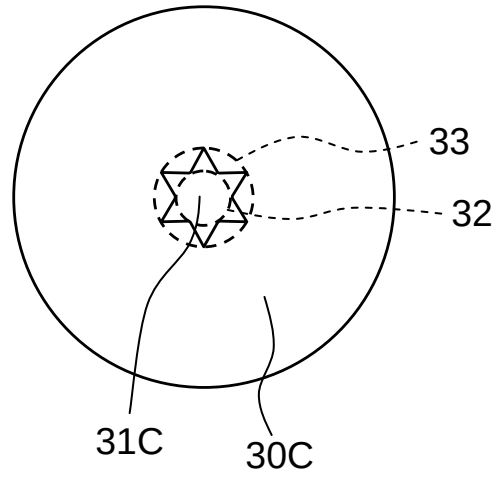


FIG. 4

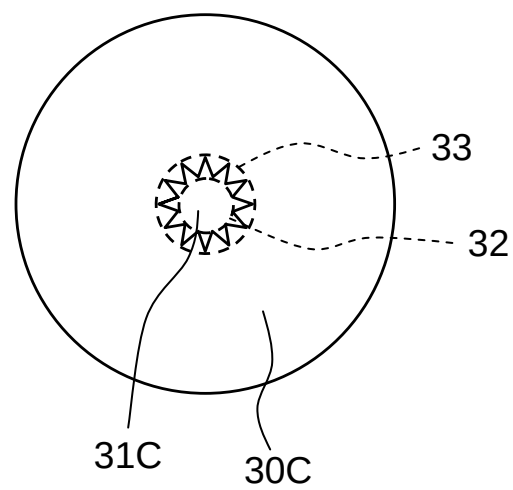


FIG. 5

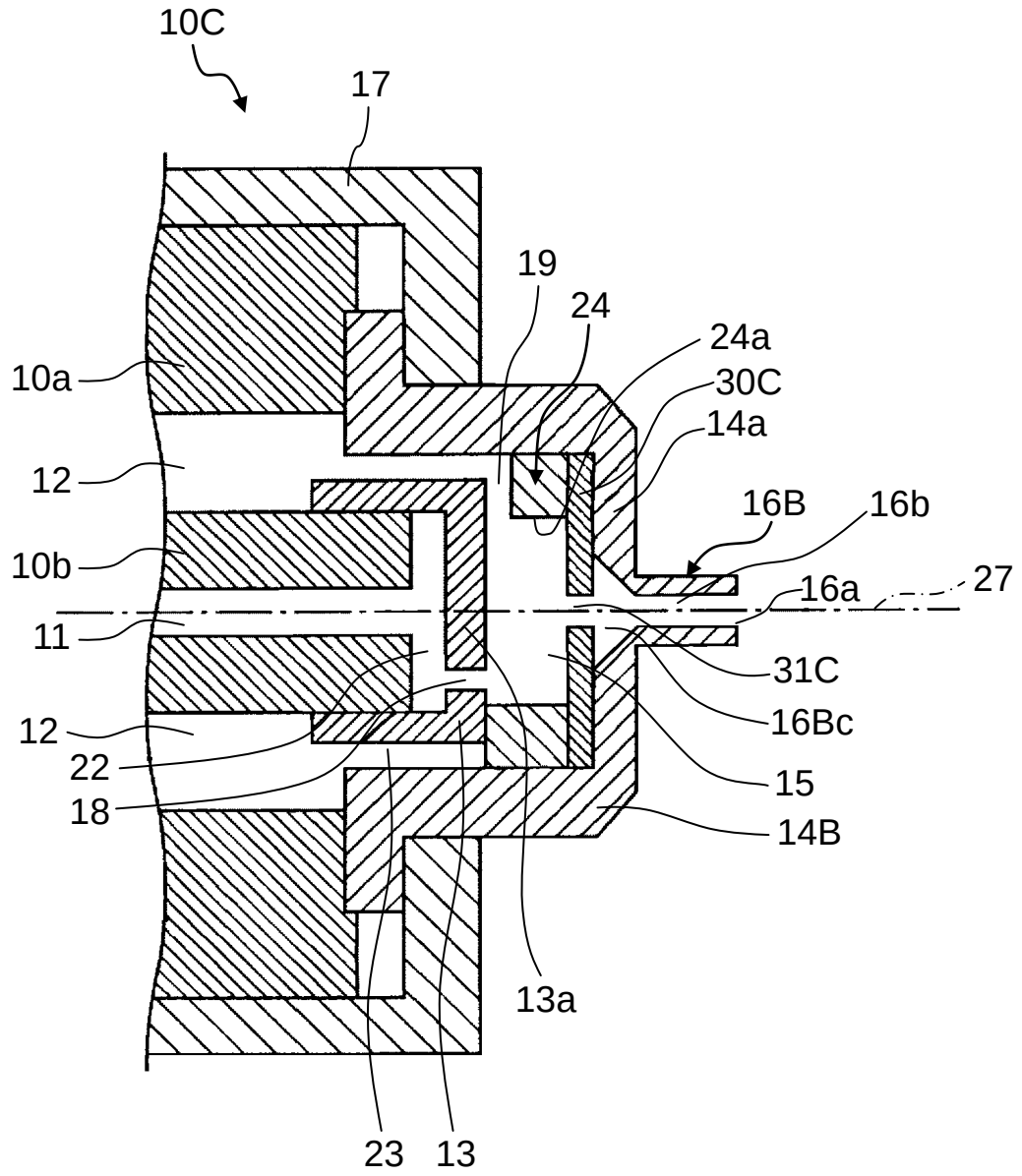


FIG. 6

DIAMETER OF TUBULAR PASSAGEWAY (mm)	NUMBER OF TEETH	DIAMETER OF TIP CIRCLE (mm)	DIAMETER OF ROOT CIRCLE (mm)	NOISE VALUE (dB)
1.0	6	1.0	1.7	75
		1.5	2.6	76
		2.0	3.4	77
		2.5	4.3	78
		3.0	5.1	79
		3.5	6.0	80
		4.0	6.0	80
		4.5	6.0	80
	12	1.0	1.3	75
		1.5	2.0	76
		2.0	2.6	77
		2.5	3.3	78
		3.0	3.9	79
		3.5	4.6	80
		4.0	5.2	80
		4.5	5.9	80
1.5	6	1.5	2.6	78
		2.0	3.4	79
		2.5	4.3	80
		3.0	5.1	81
		3.5	6.0	82
		4.0	6.0	82
		4.5	6.0	82
	12	1.5	2.0	78
		2.0	2.6	79
		2.5	3.3	80
		3.0	3.9	81
		3.5	4.6	82
		4.0	5.2	82
		4.5	5.9	82

FIG. 7A

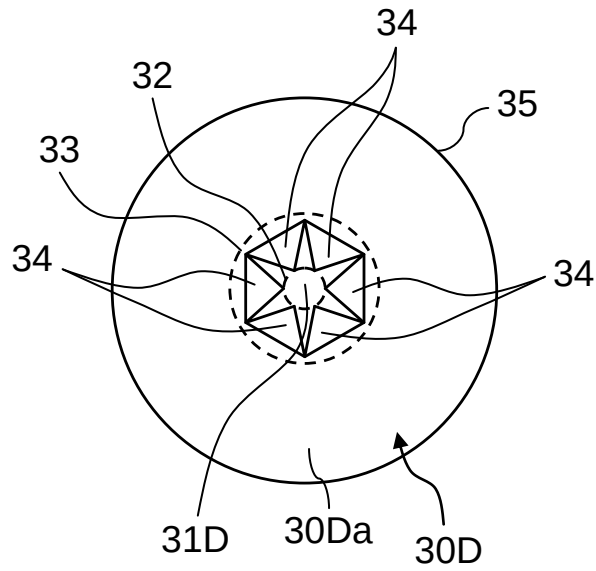


FIG. 7B

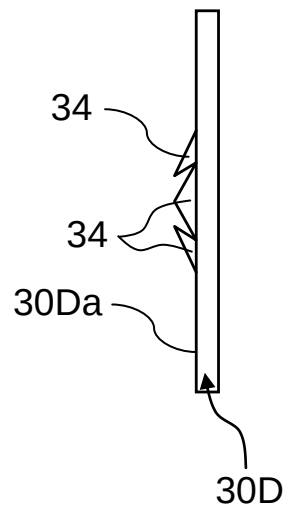


FIG. 7C

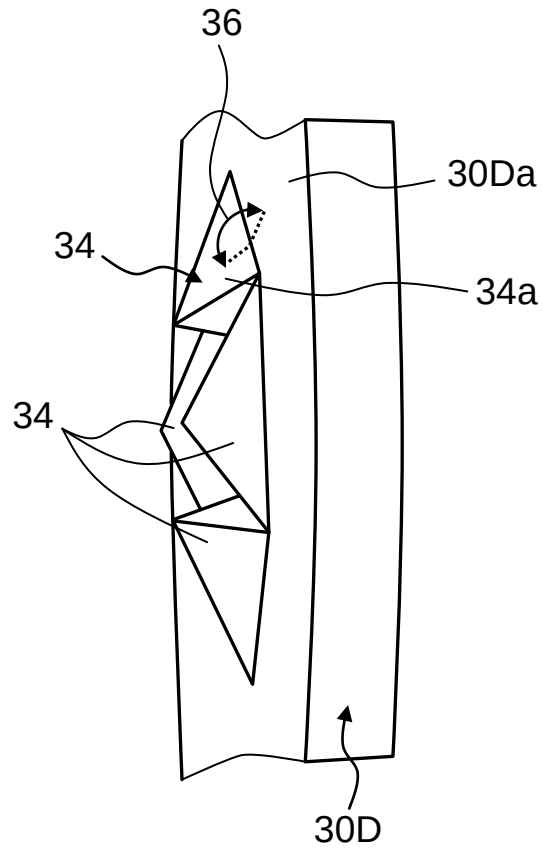


FIG. 7D

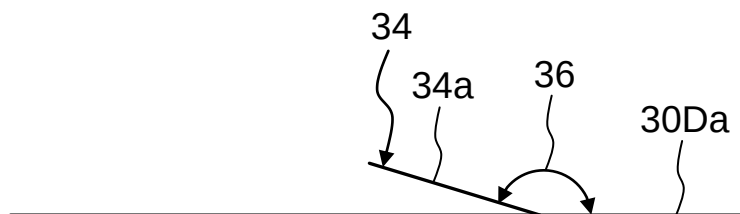


FIG. 8

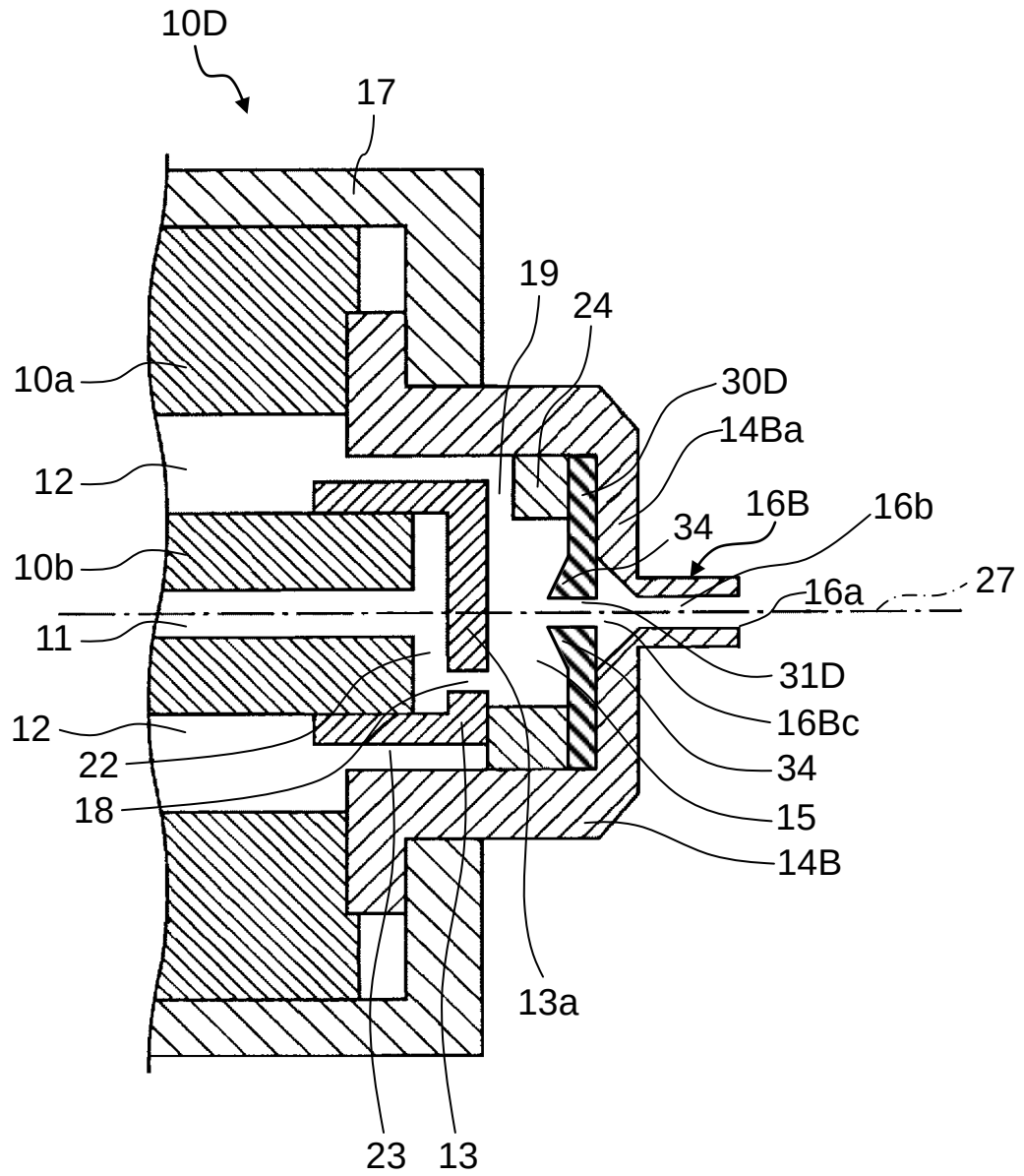


FIG. 9

DIHEDRAL ANGLE (DEGREE)	NOISE VALUE (dB)
180	76
150	72
120	73
90	76
60	78
30	78

FIG. 10

NUMBER OF TEETH WHERE DIHEDRAL ANGLE IS 150 DEGREES	NOISE VALUE (dB)
0	76.0
1	75.8
2	75.3
3	74.7
6	72.0

FIG. 11A

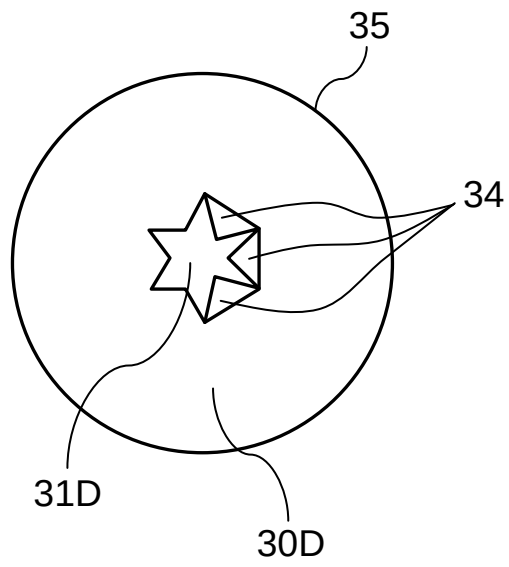


FIG. 11B

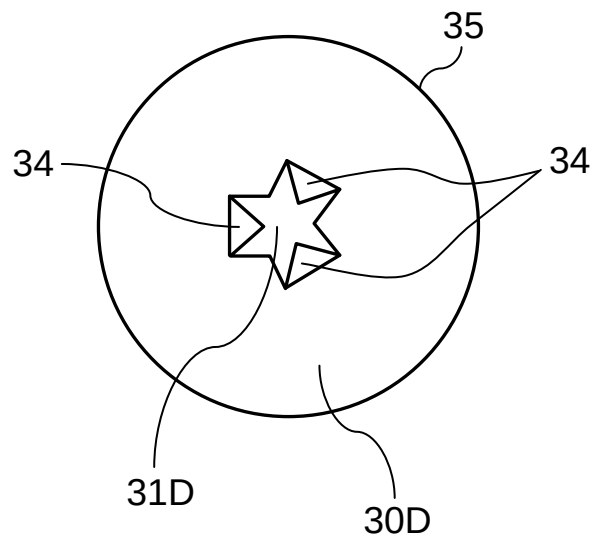


FIG. 12

