

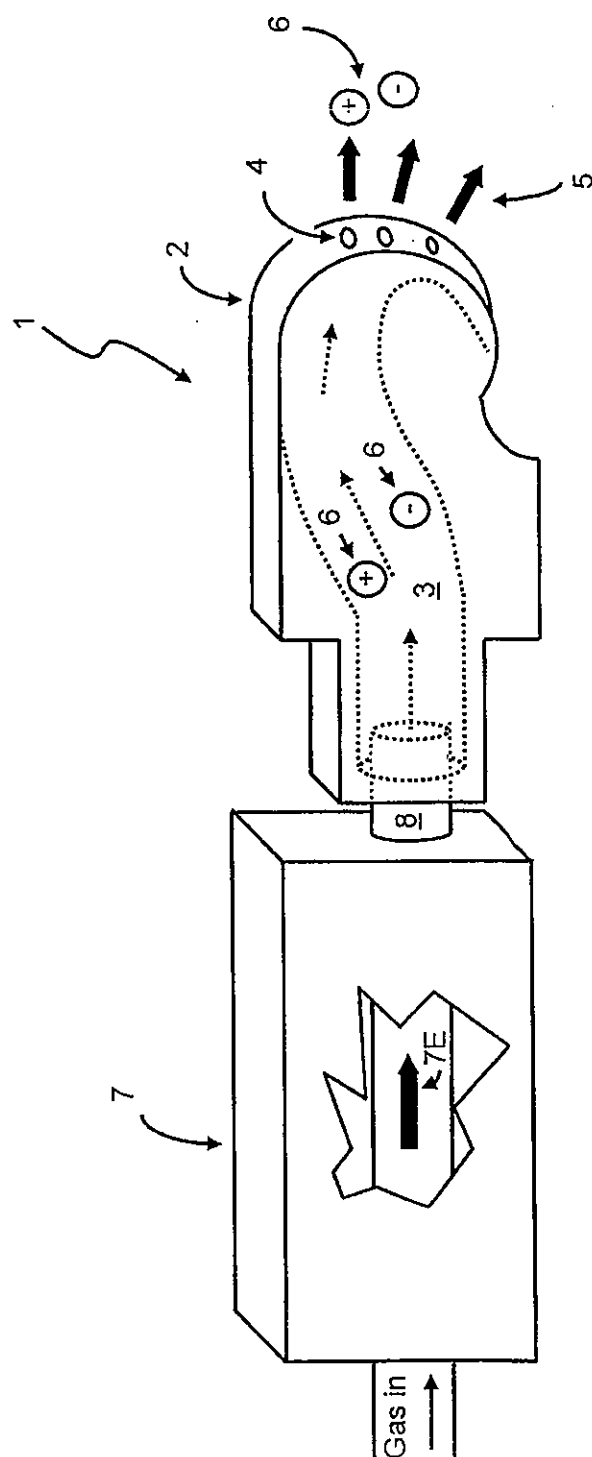


Figure 1

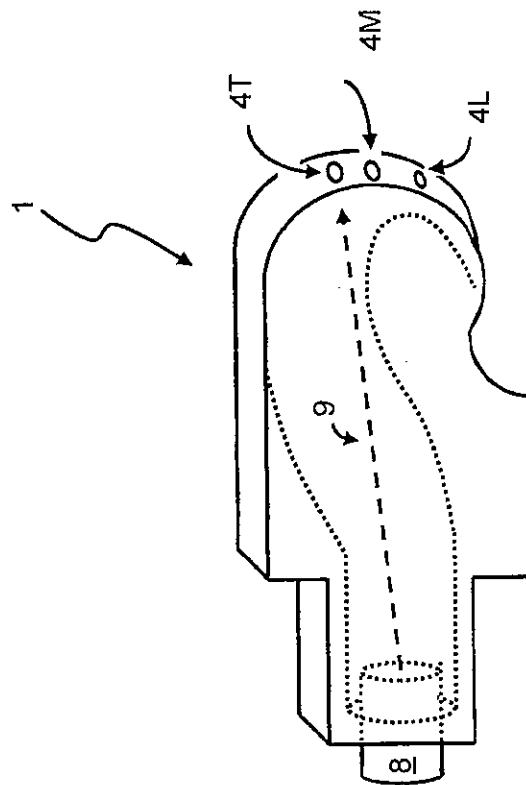


Figure 2

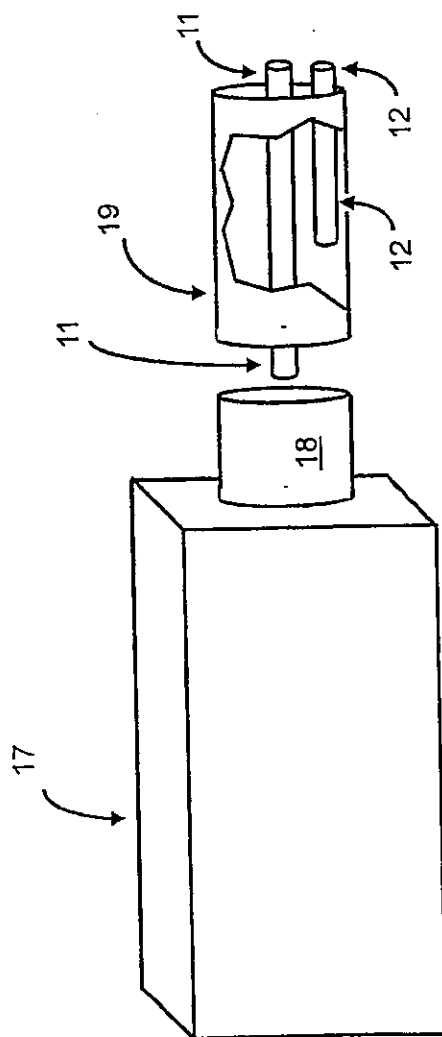


Figure 3

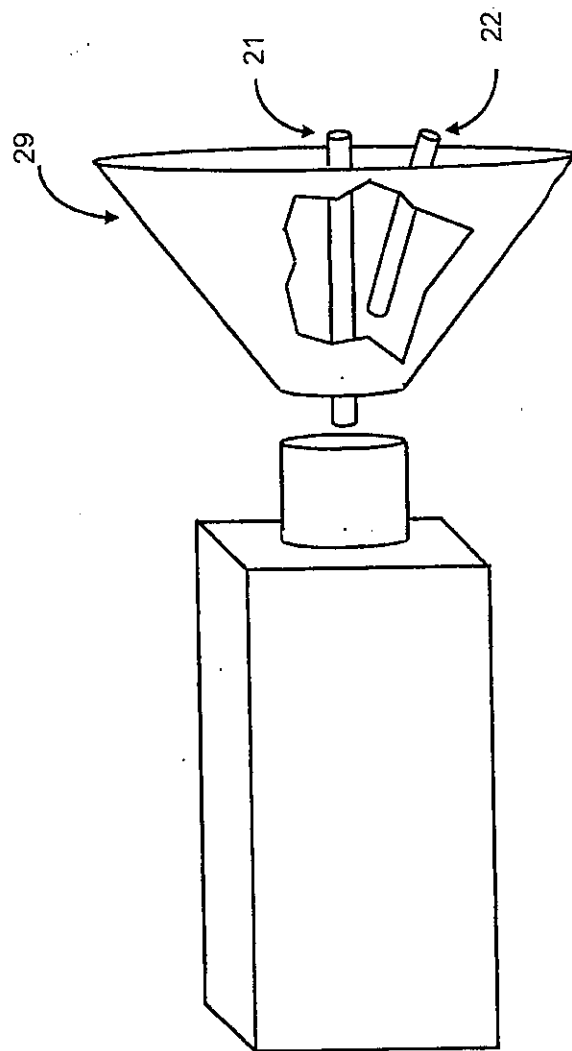


Figure 4

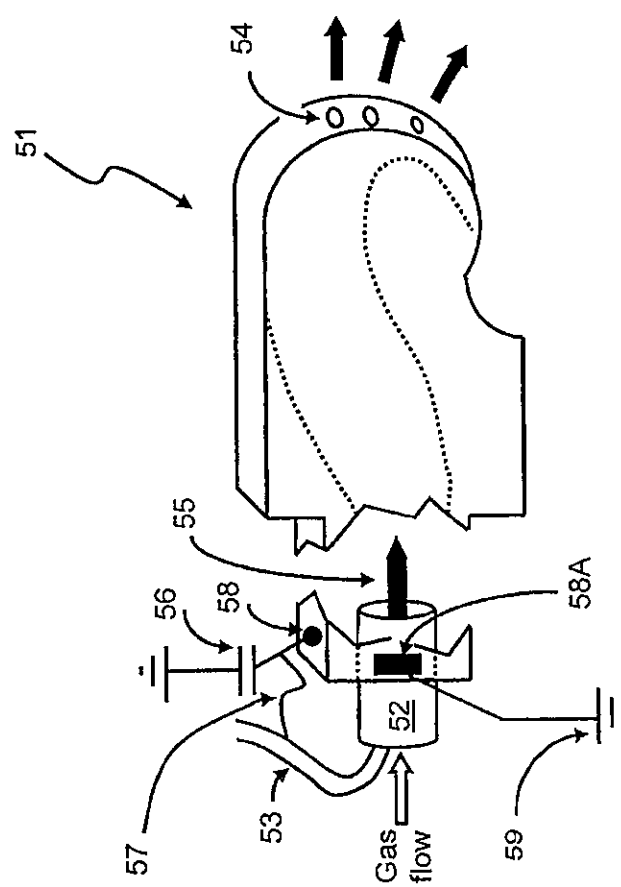


Figure 5

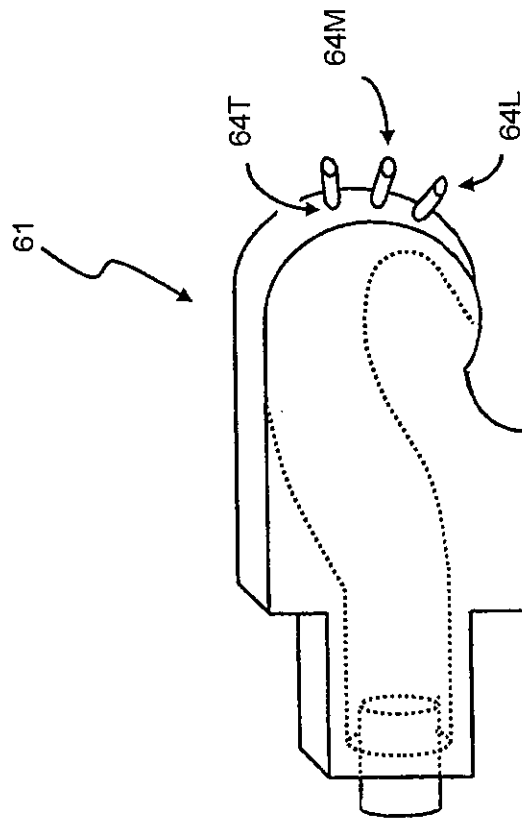


Figure 6

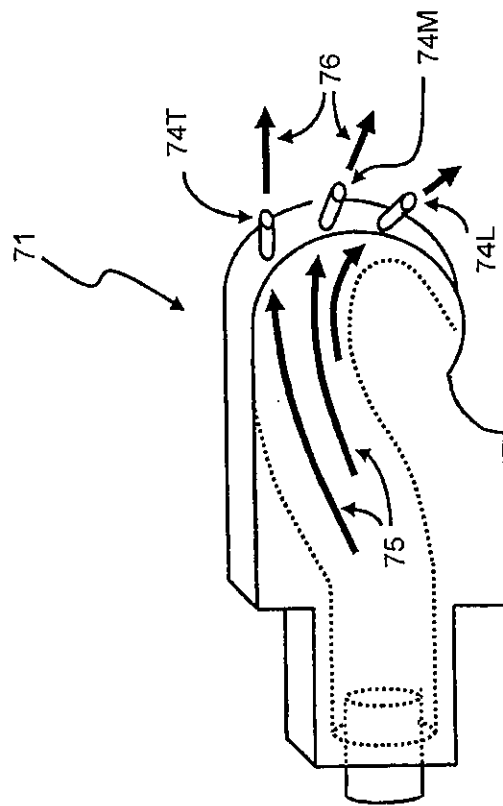


Figure 7

Distance from manifold head (Cm)	Left 20 cm of grid			Centerline			Right 20 cm of grid		
	DT+ (seconds)	DT- (seconds)	Balance (volts)	DT+ (seconds)	DT- (seconds)	Balance (volts)	DT+ (seconds)	DT- (seconds)	Balance (volts)
0	31.5	49.5	-3	39.8	59.5	-2	111.2	279.0	0
10									
20	15.4	20.1	-4	15.7	17.8	-1	67.3	140.6	-1
30									
40	43.6	94.7	-3	30.6	55.3	-7	35.3	66.7	-3
50									
60	18.5	27.9	-3	12.0	16.8	-9	15.5	22.5	-5
70									
80	71.2	86.4	2	28.8	43.5	-3	44.1	58.3	1
90									
100	61.0	62.7	2	50.1	72.9	-1	68.4	73.9	3
110									
120	35.1	40.4	-2	30.0	42.7	-2	44.4	50.7	2
130									
140	36.5	40.0	1	26.4	40.1	-4	41.5	45.5	2
Mean (60 to 140 cm)	44.5	51.5	0.0	29.5	43.2	-3.8	42.8	50.2	0.6

Figure 8