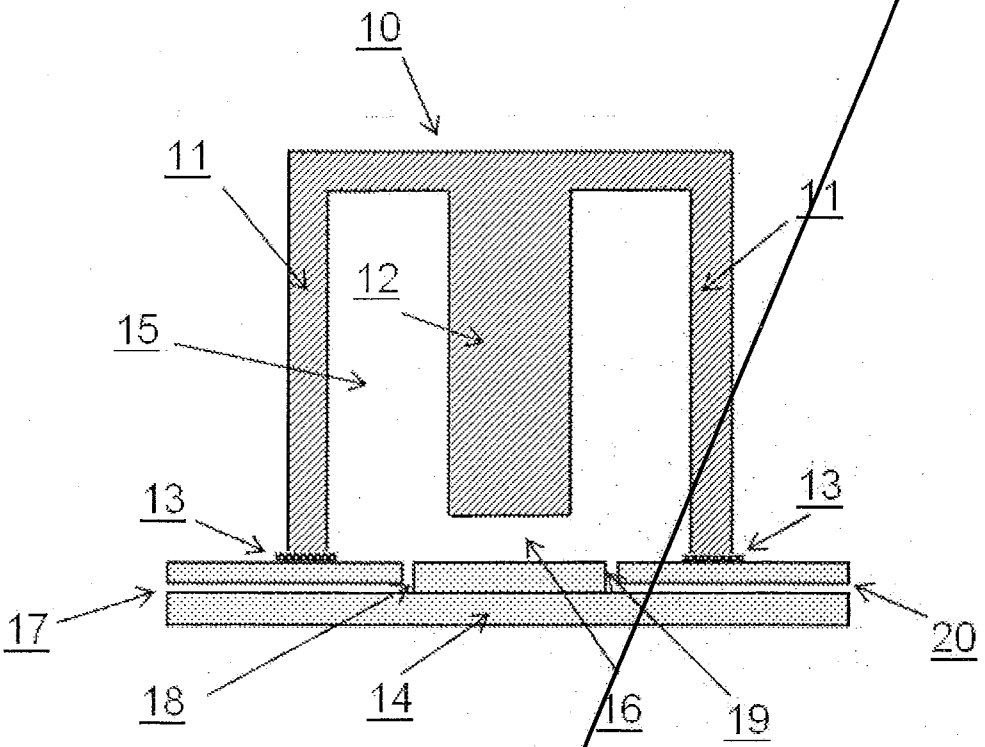
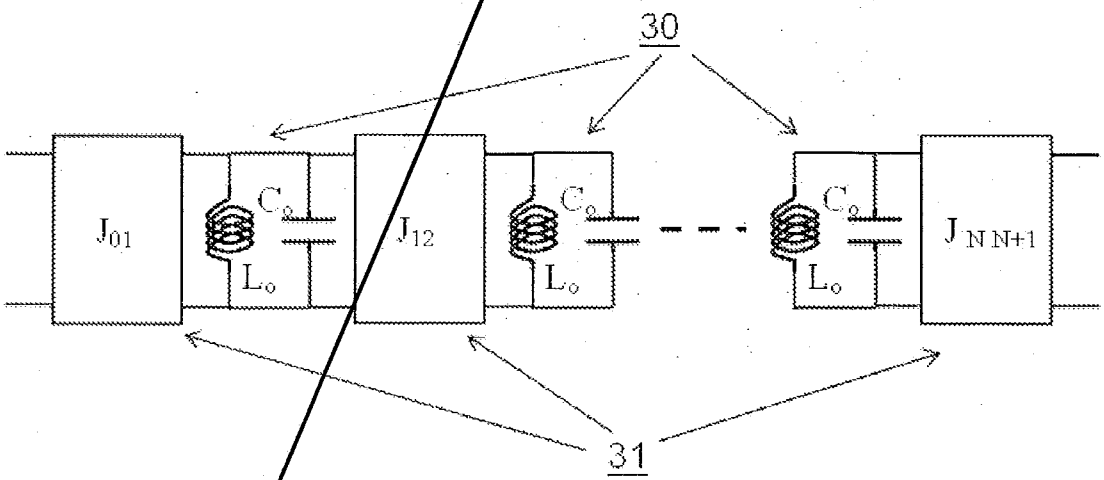


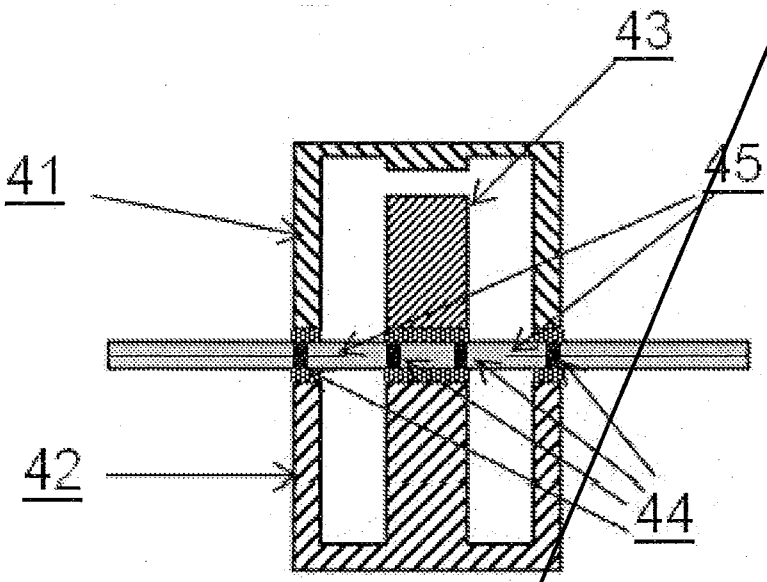
Fig. 1

Prior art



Prior art

Fig. 2



Prior art

Fig. 3

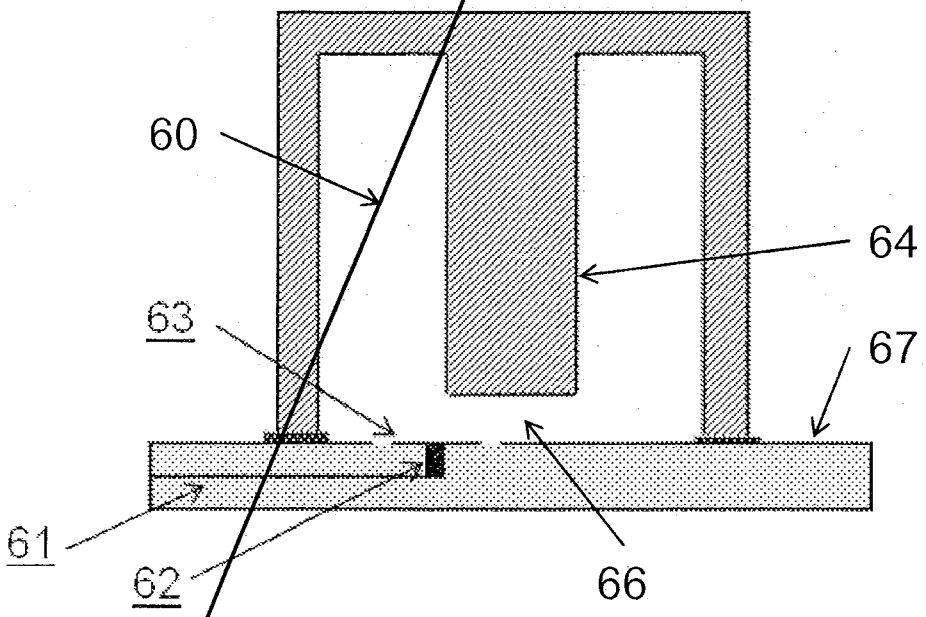


Fig. 4

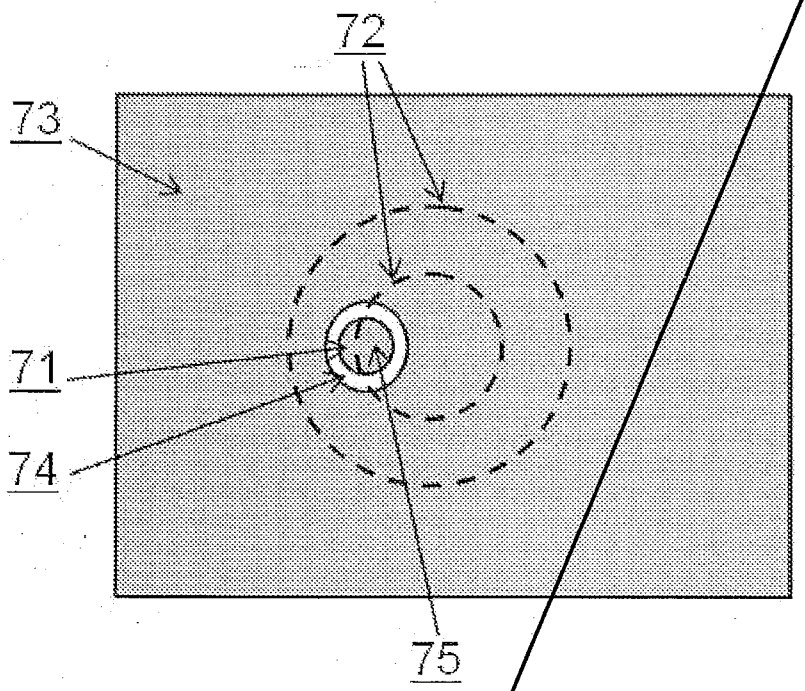
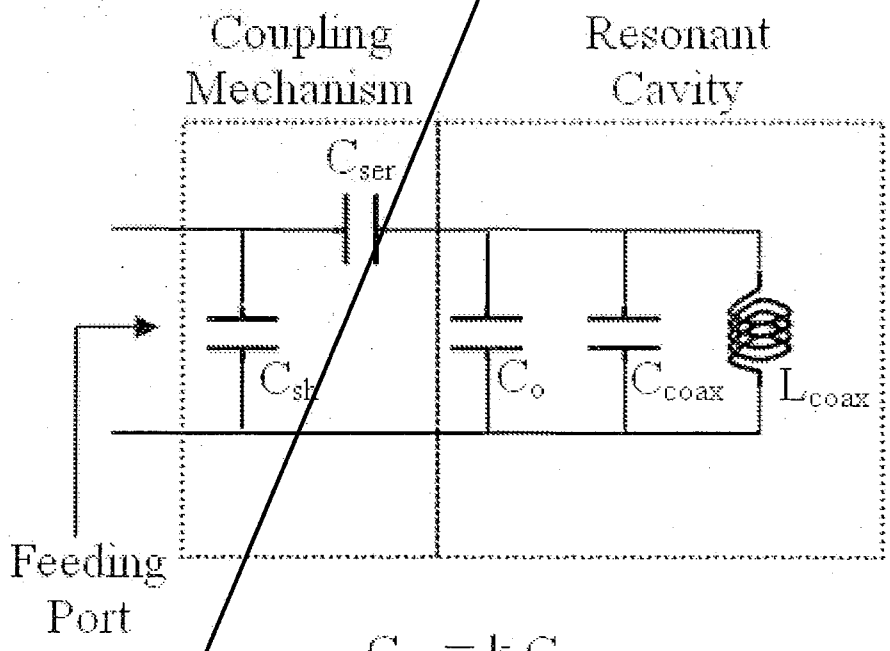


Fig. 5



$$C_{ser} = k\, C_{gap}$$
$$C_o = (1-k)\, C_{gap}$$

Fig. 6

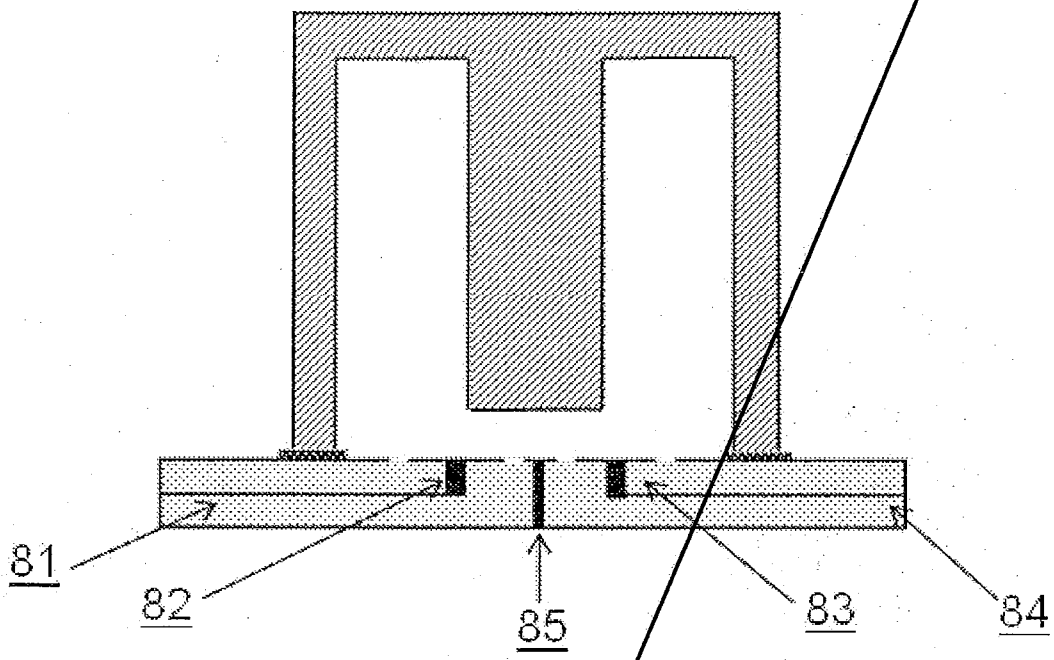


Fig. 7

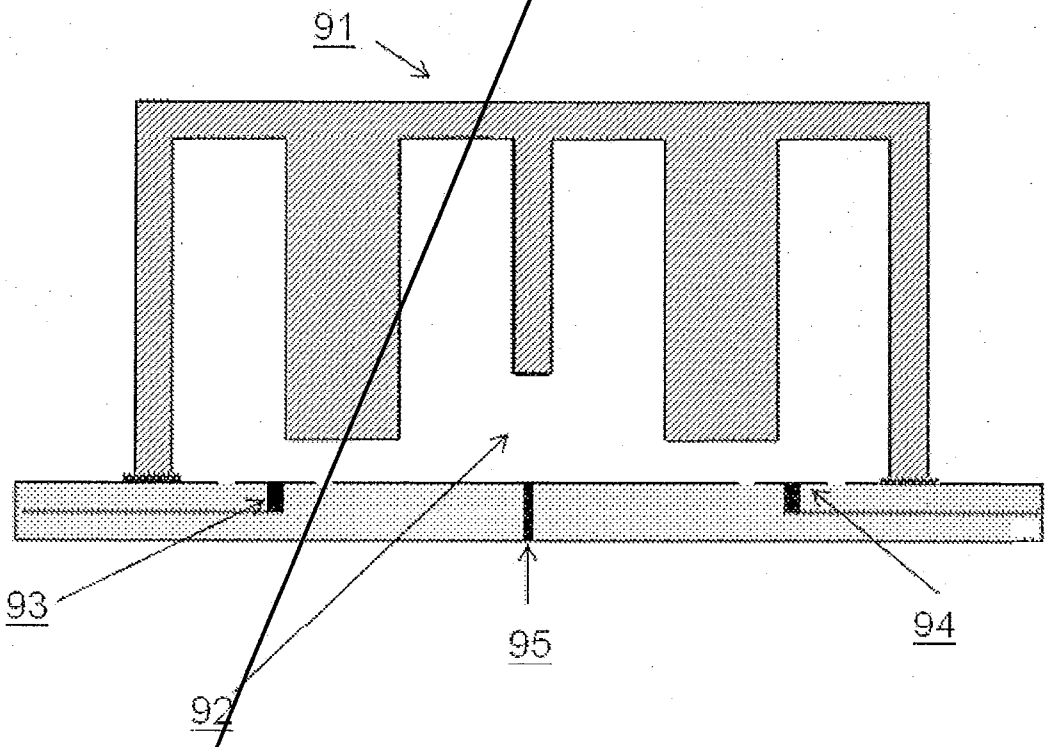


Fig. 8

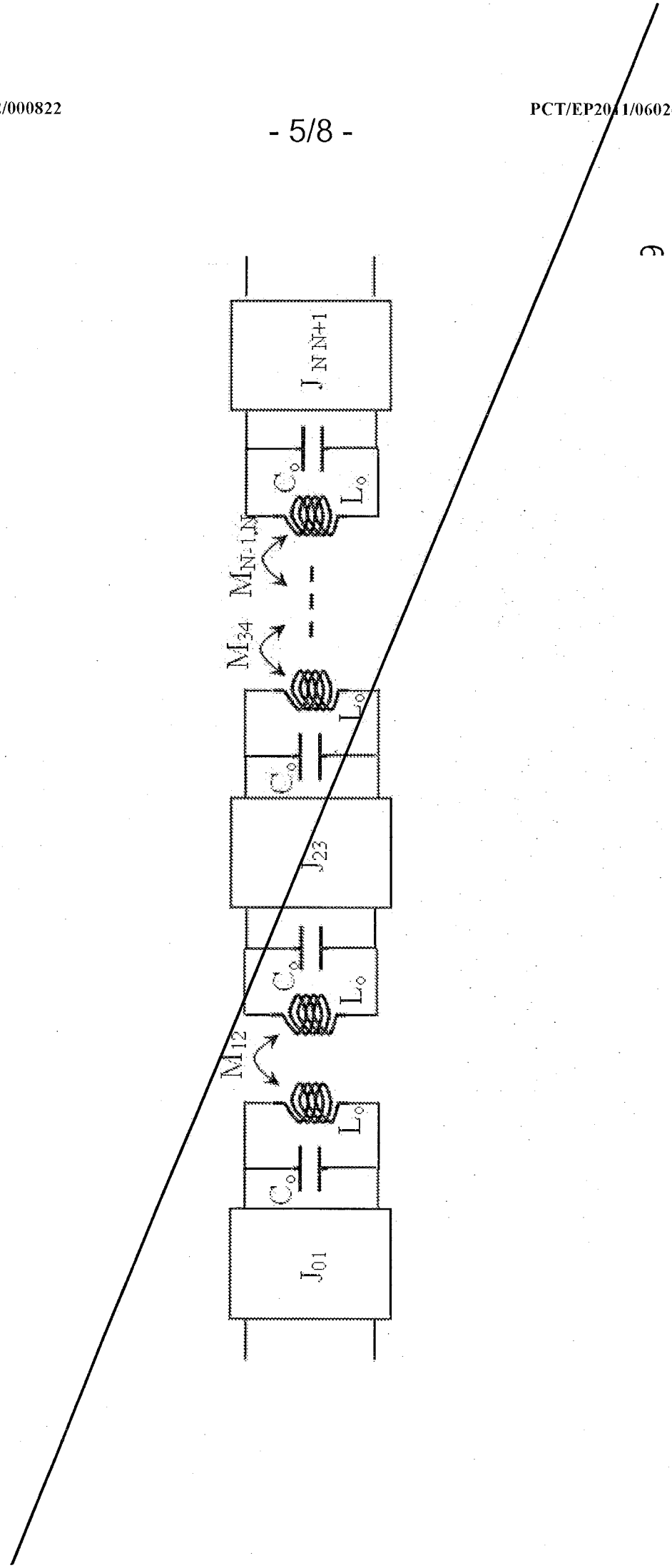


Fig 3

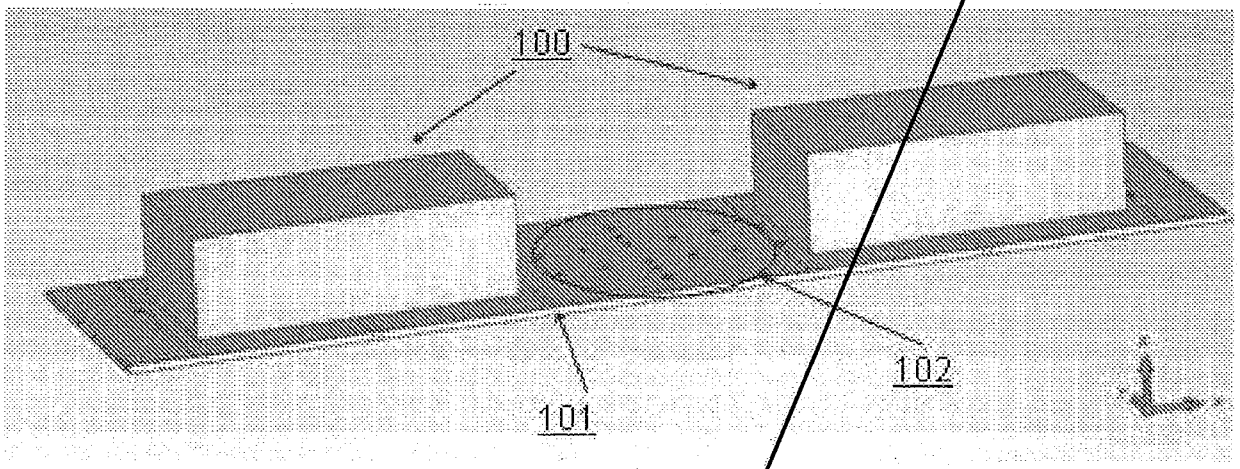


Fig. 10

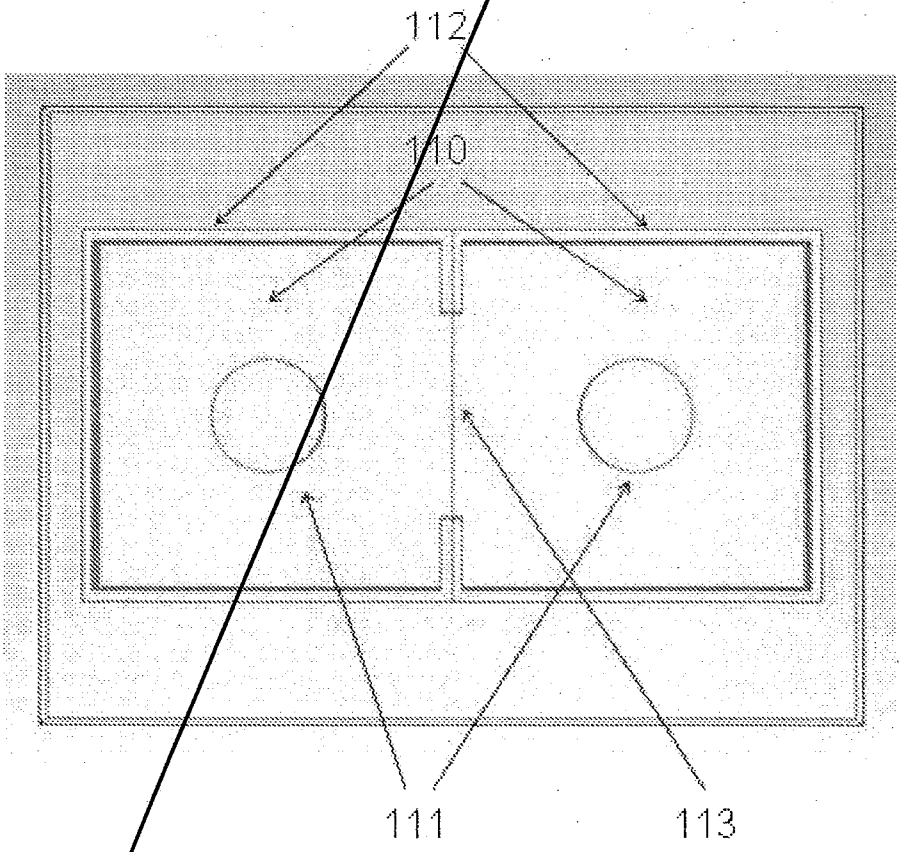


Fig. 11

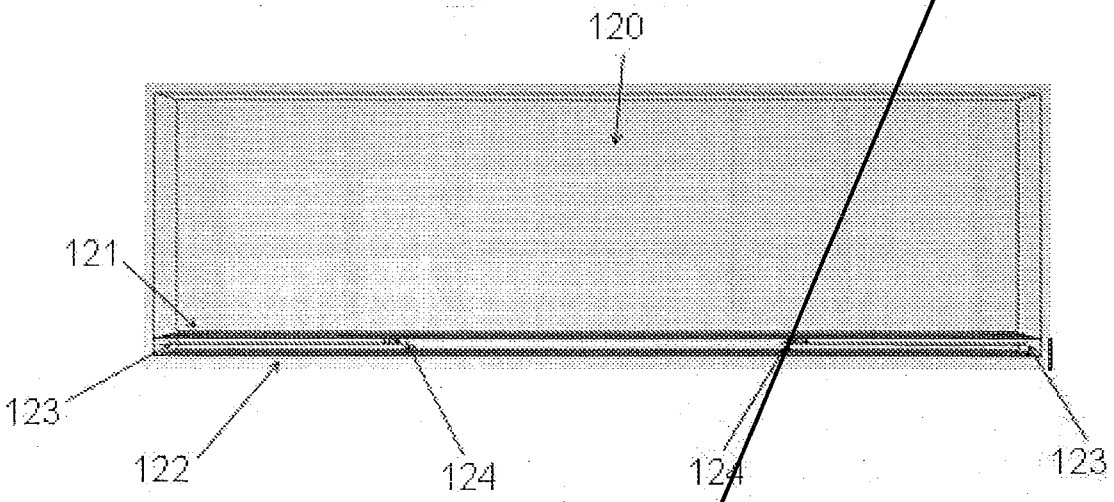


Fig. 12

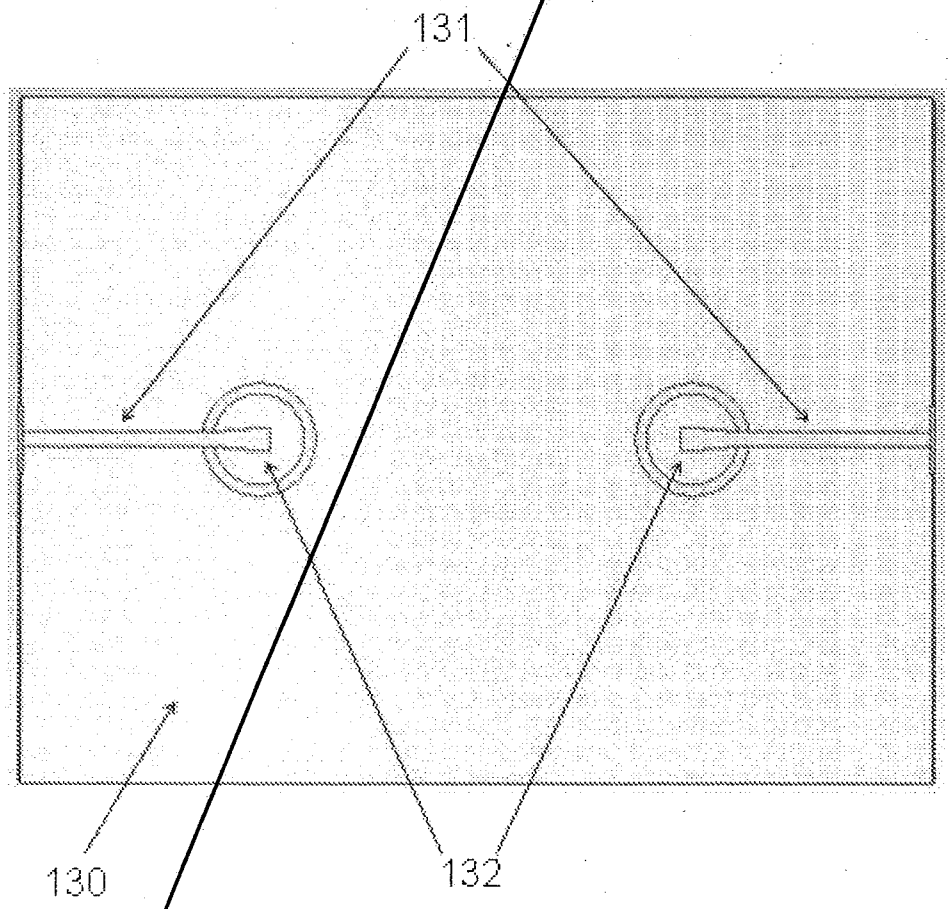
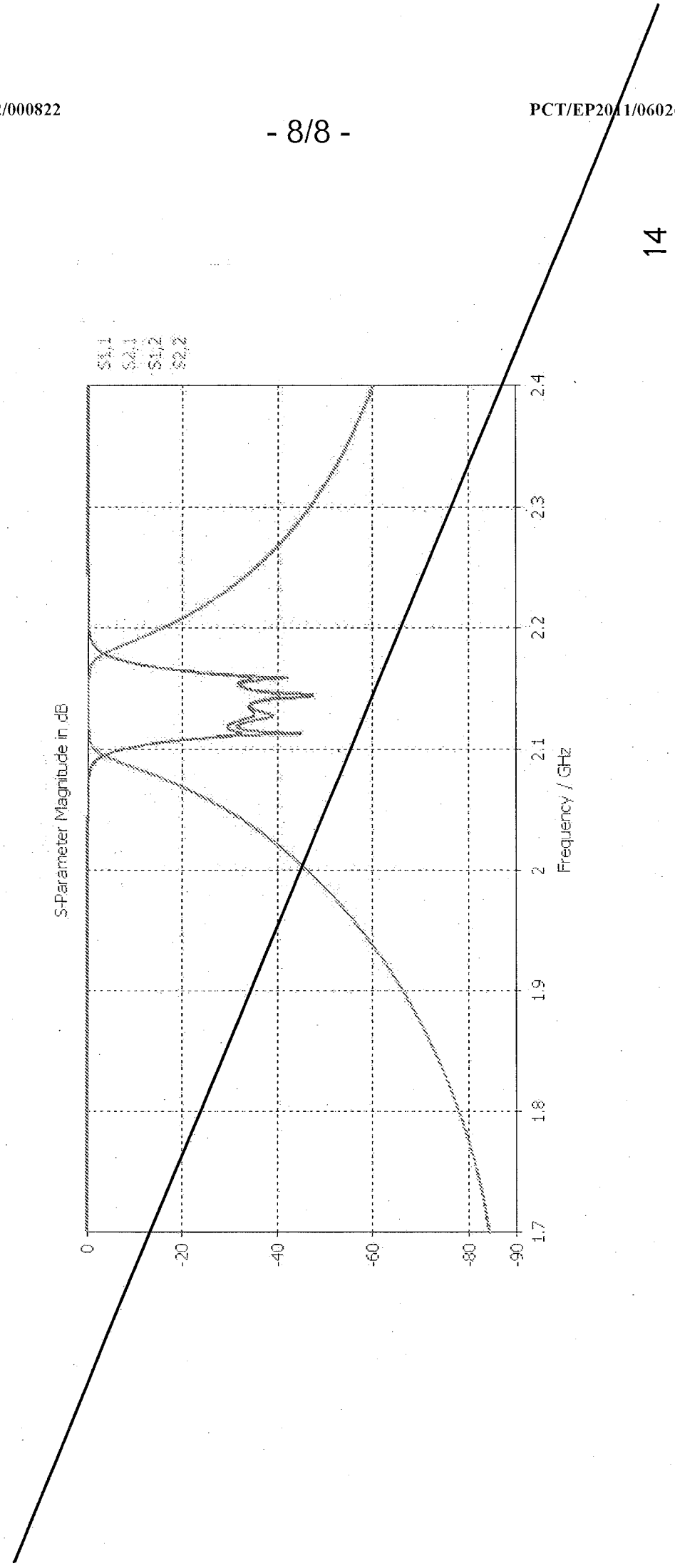


Fig. 13


S1,1
S2,1
S1,2
S2,2
S-Parameter Magnitude in dB
0
-20
-40
-60
-80
-90
1.7
1.8
1.9
2
2.1
2.2
2.3
2.4
Frequency / GHz

14

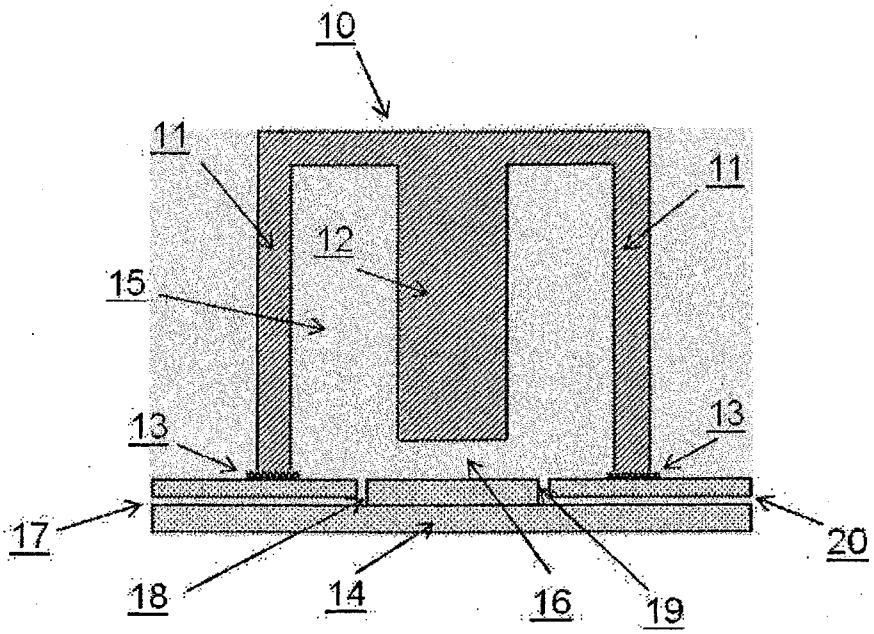
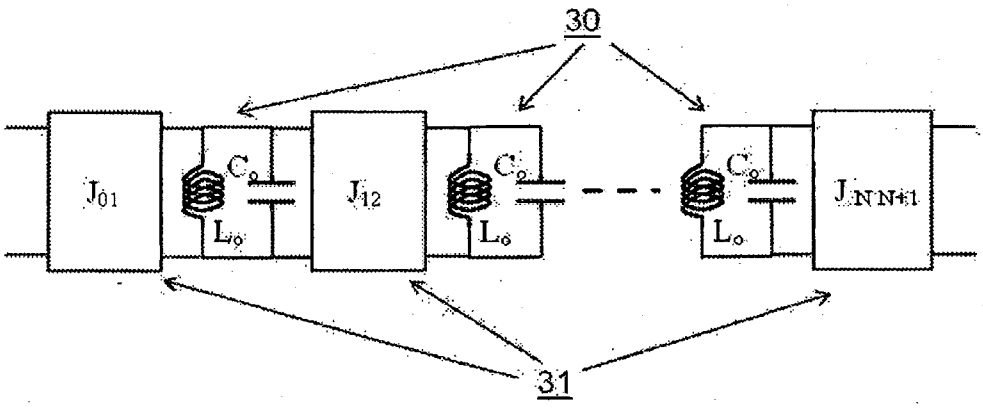


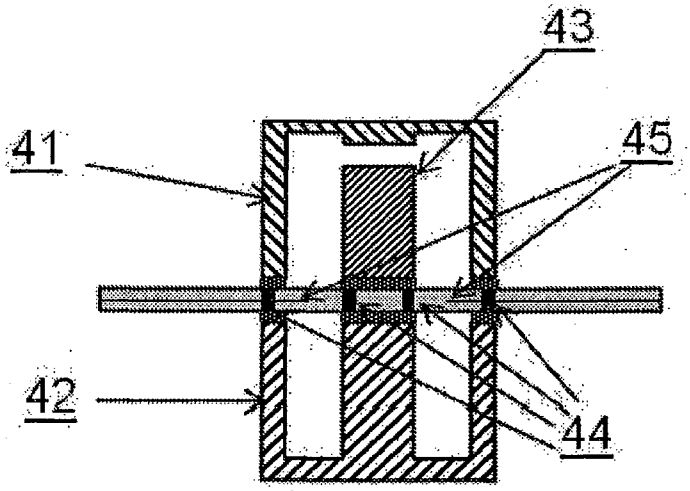
Fig. 1

Prior art



Prior art

Fig. 2



Prior art

Fig. 3

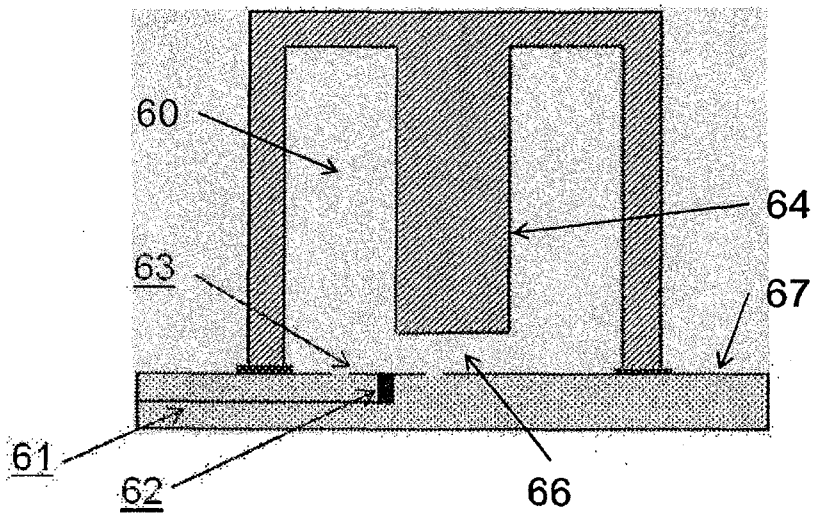


Fig. 4

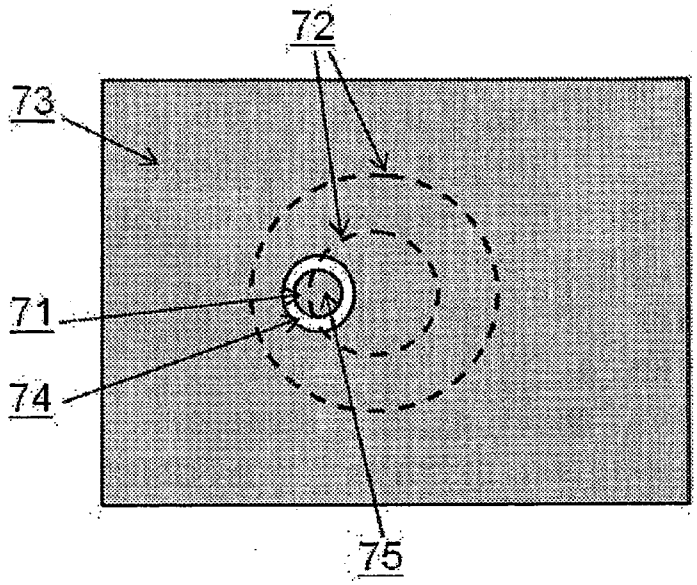
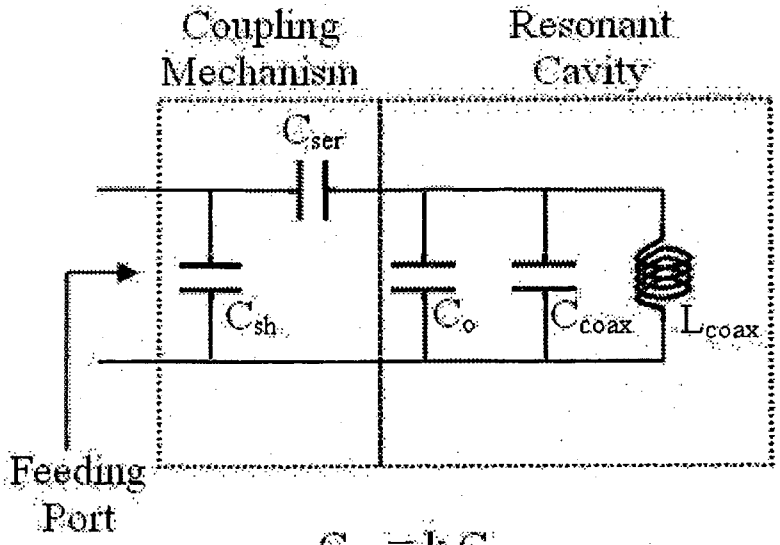


Fig. 5



$$C_{ser} = k\, C_{gap}$$
$$C_o = (1-k)\, C_{gap}$$

Fig. 6

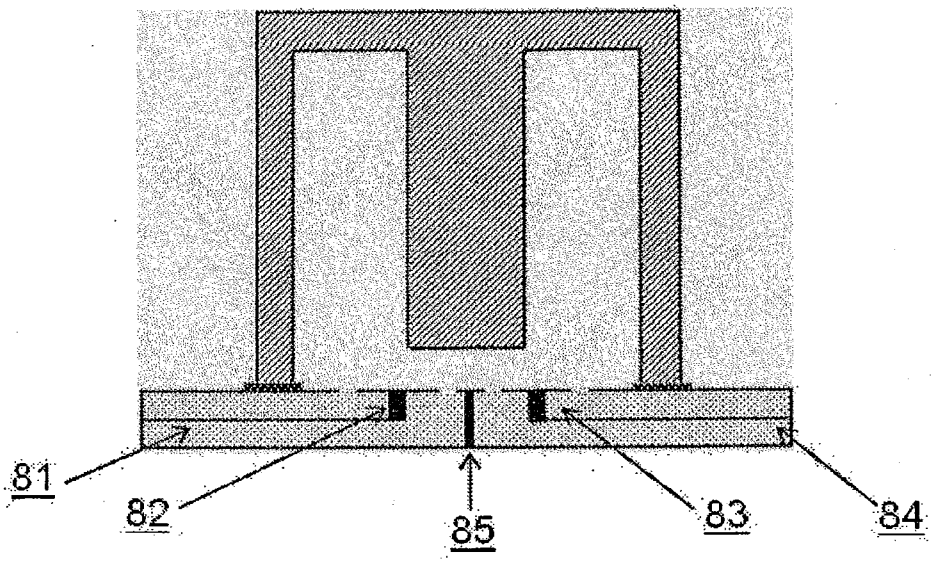


Fig. 7

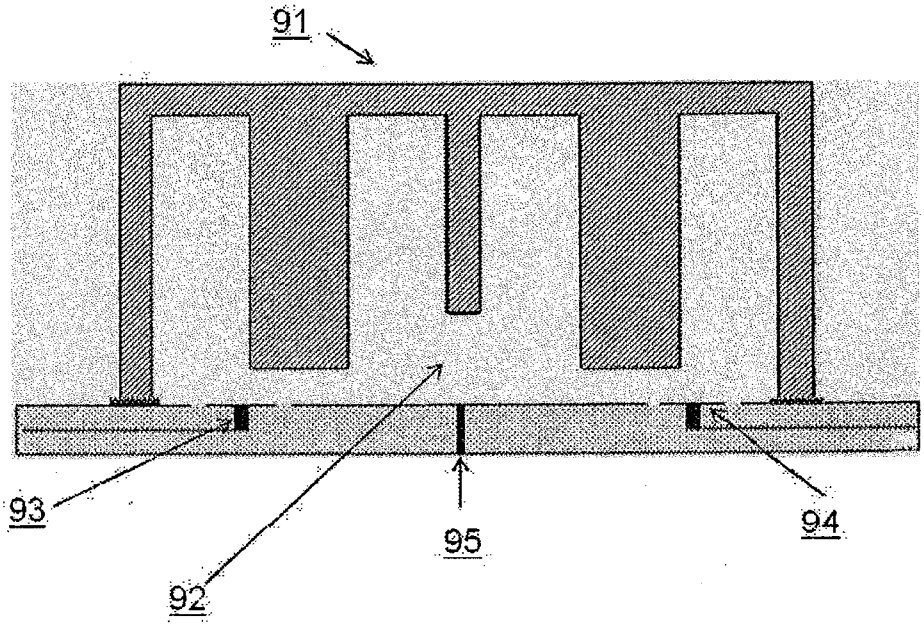


Fig. 8

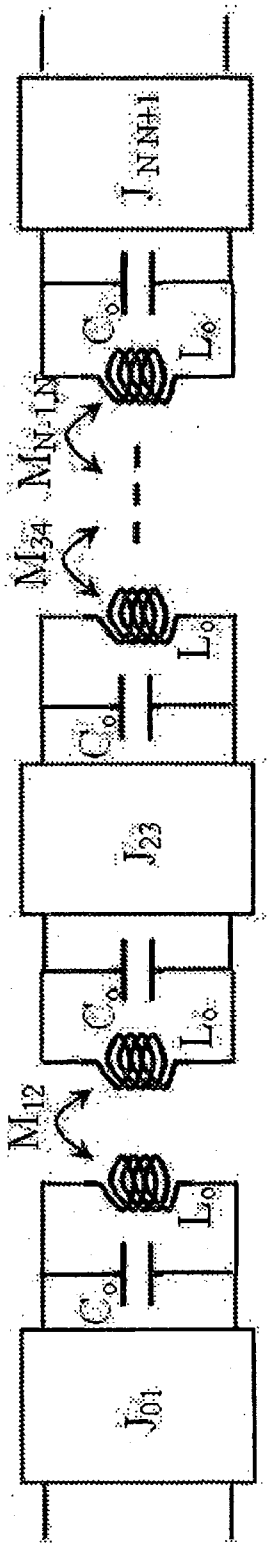


FIG. 9

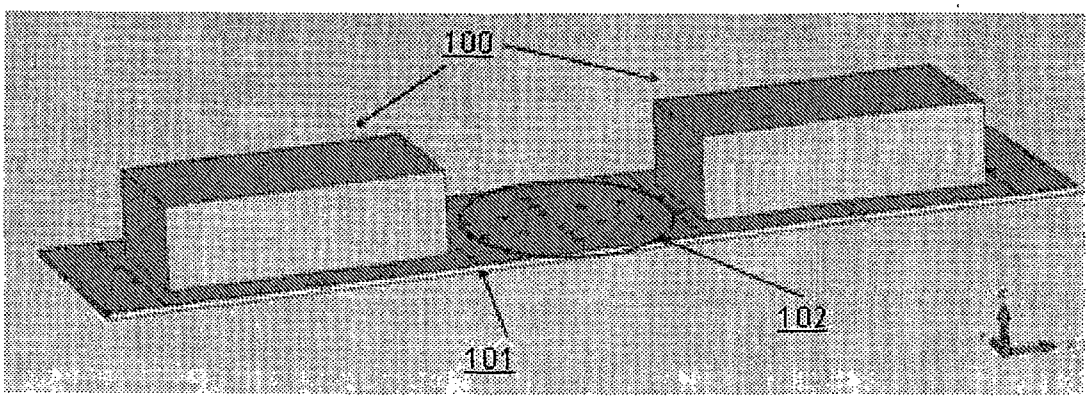


Fig. 10

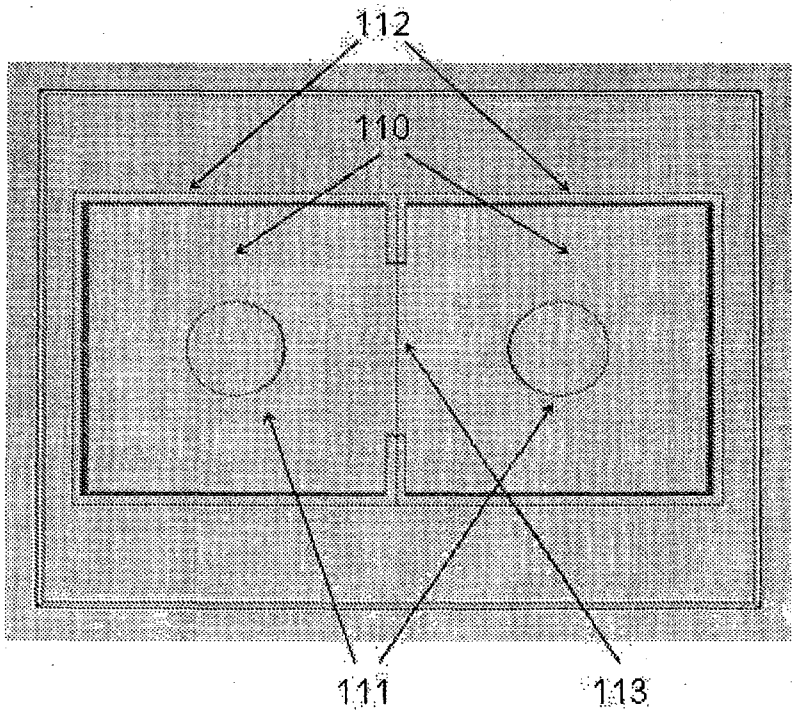


Fig. 11

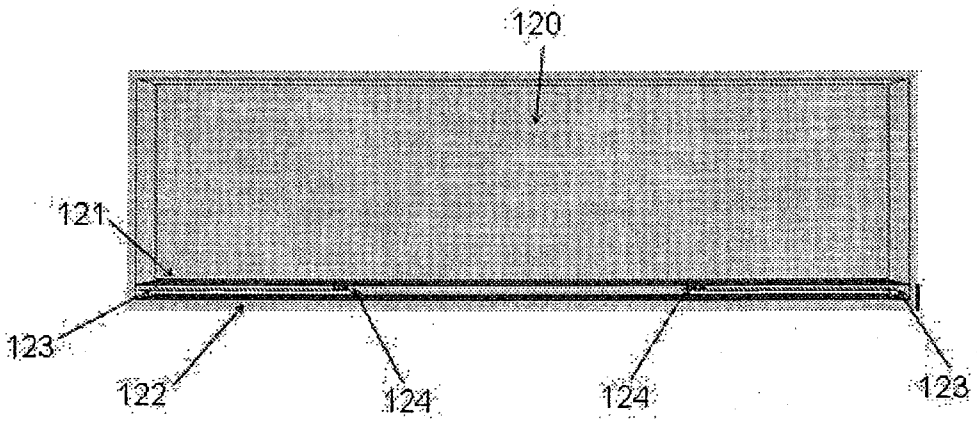


Fig. 12

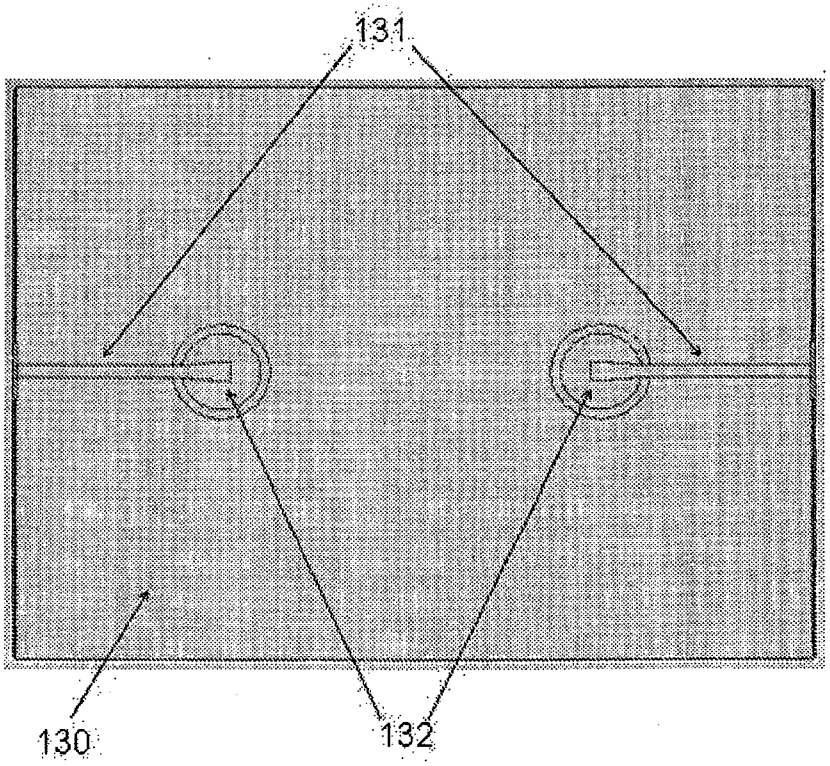


Fig. 13

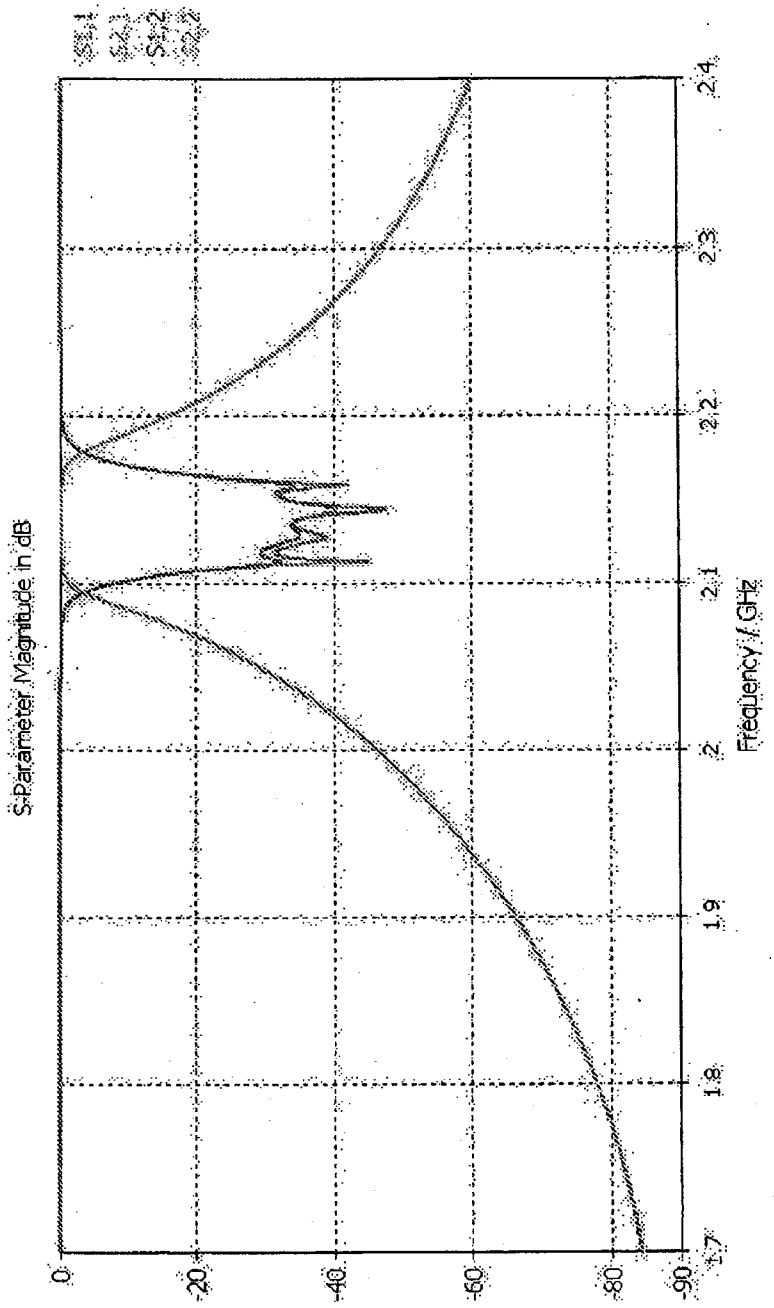

S-Parameter Magnitude in dB
Frequency / GHz
S1,1
S2,1
S1,2
S2,2
0
-20
-40
-60
-80
-90
1.7
1.8
1.9
2
2.1
2.2
2.3
2.4

FIG. 14