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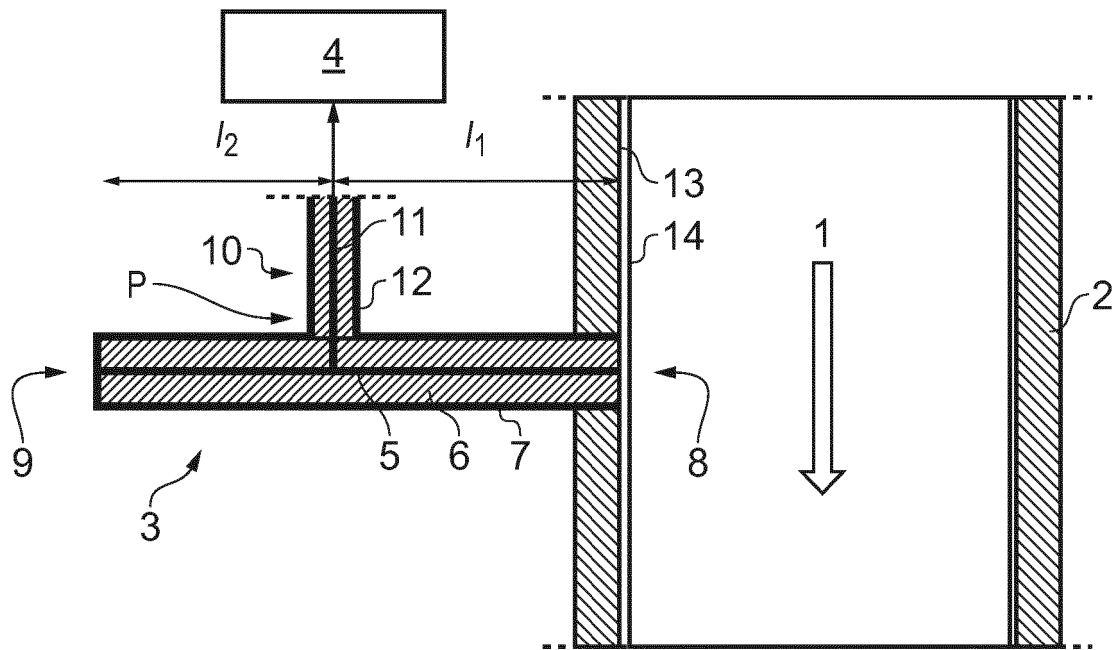
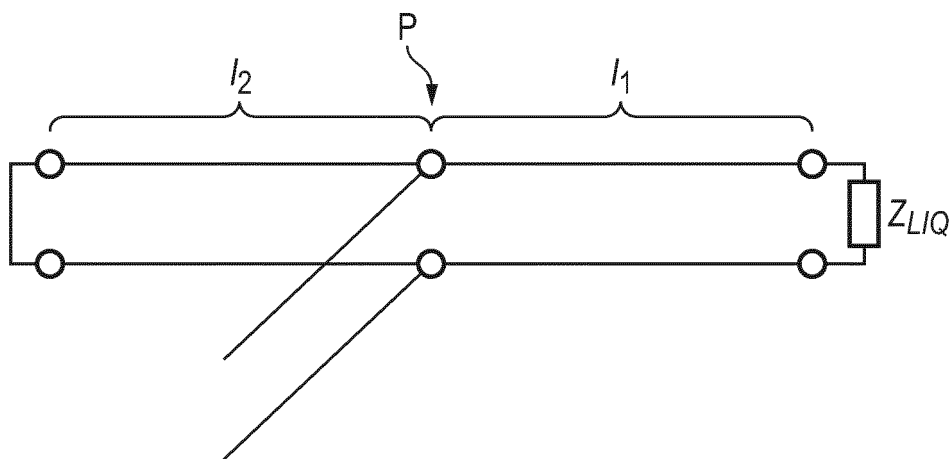


FIG. 1



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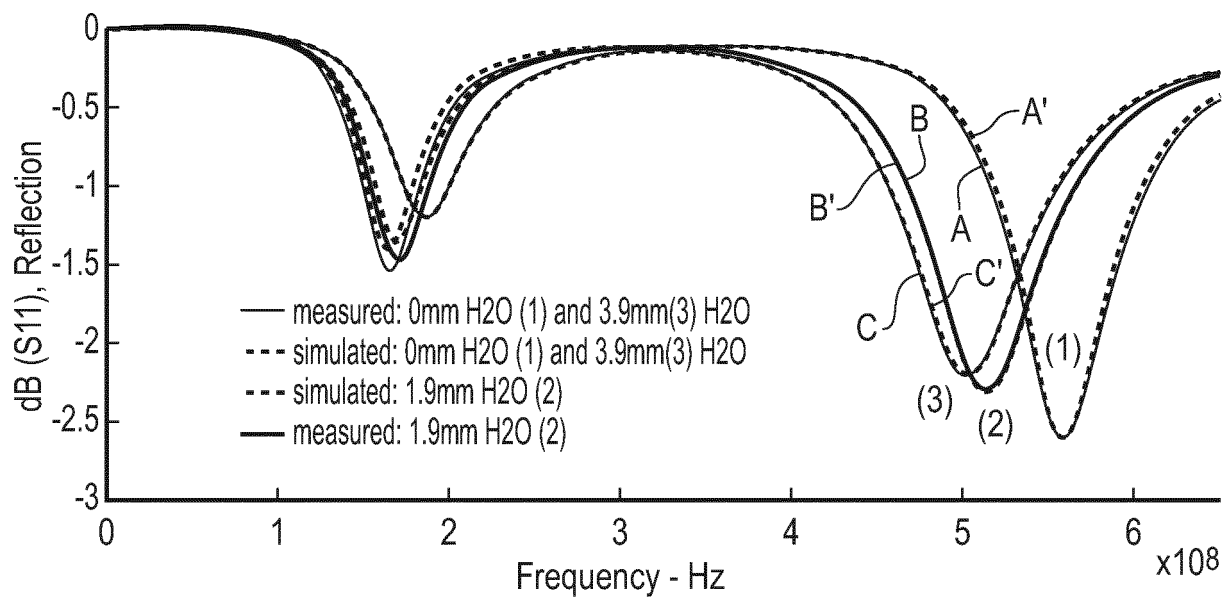


FIG. 3

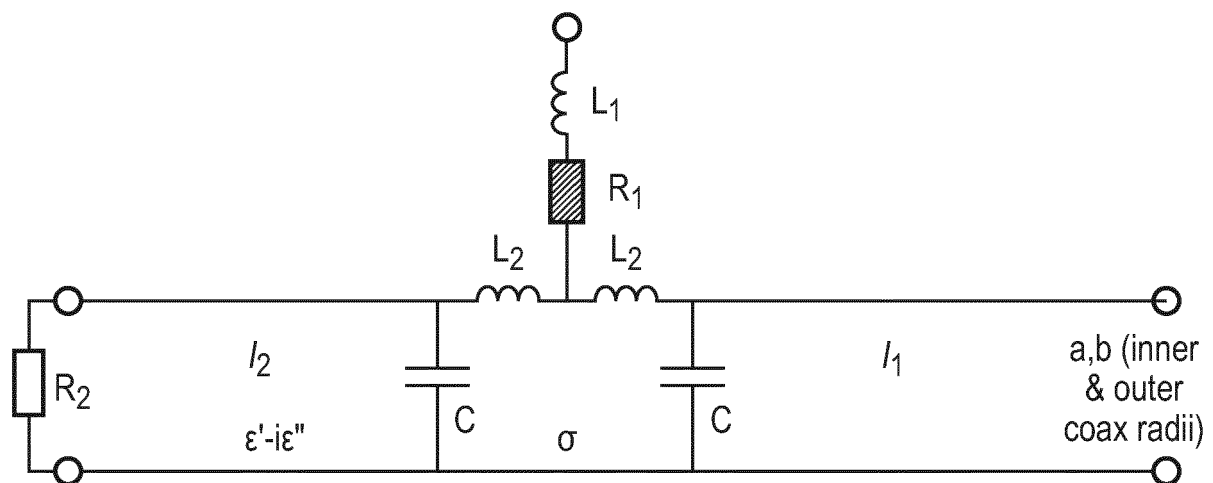


FIG. 4

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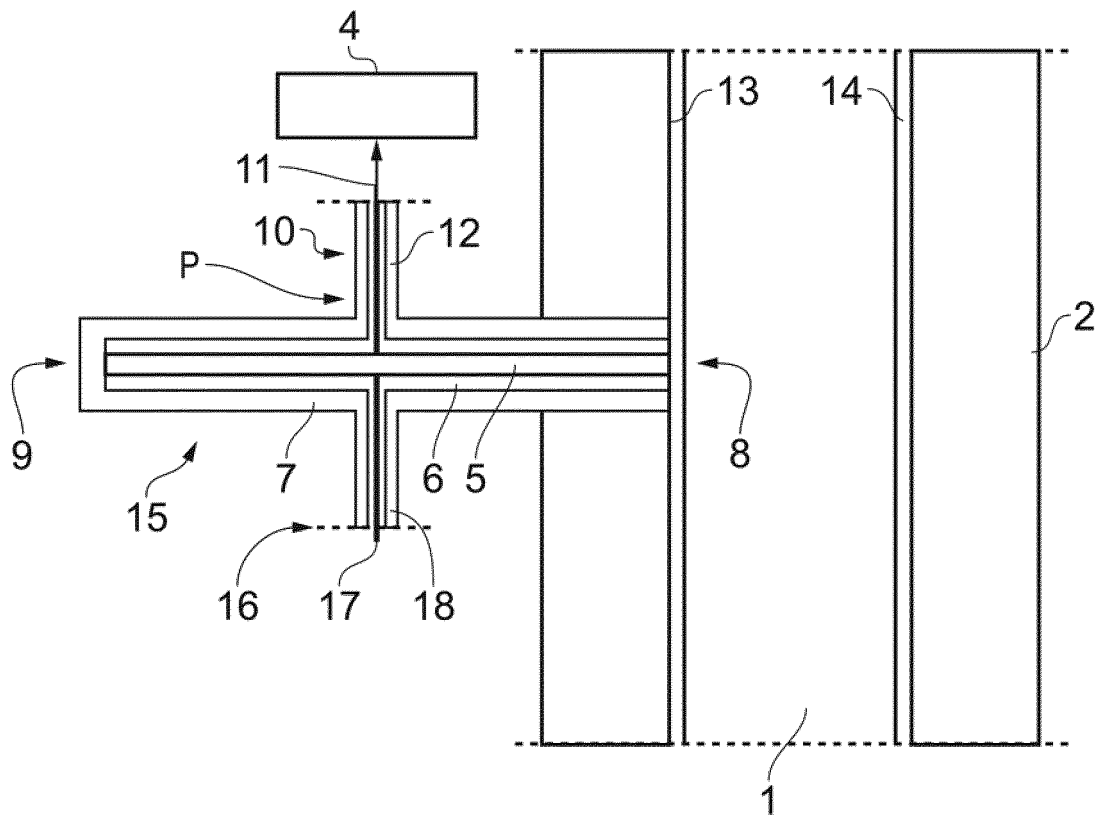


FIG. 5

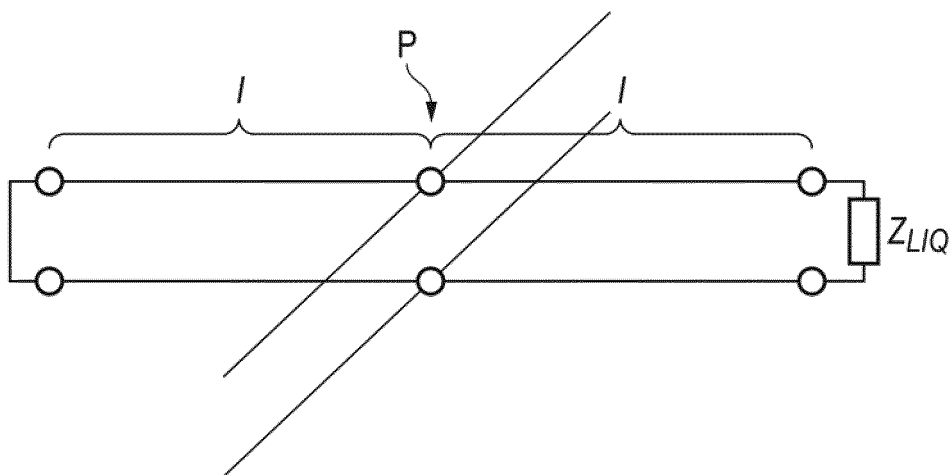


FIG. 6

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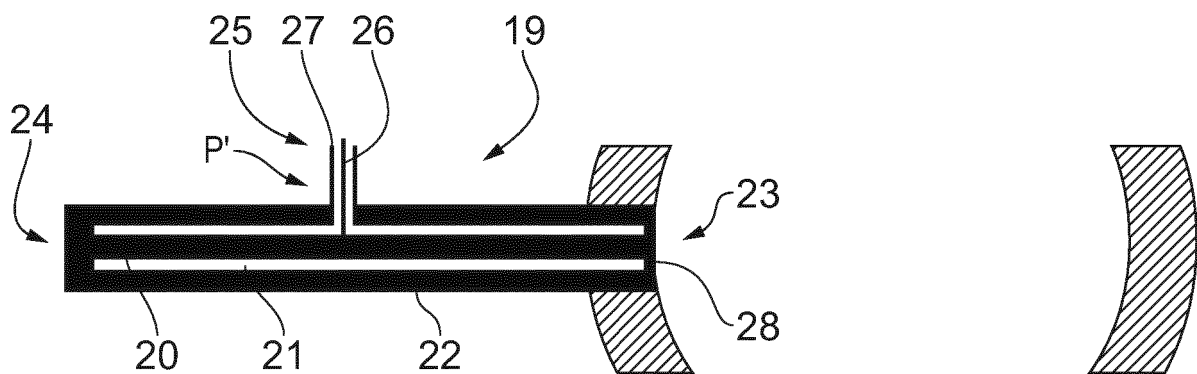


FIG. 7

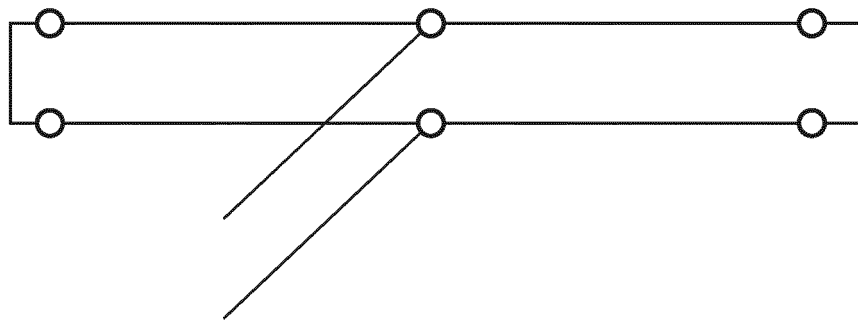


FIG. 8

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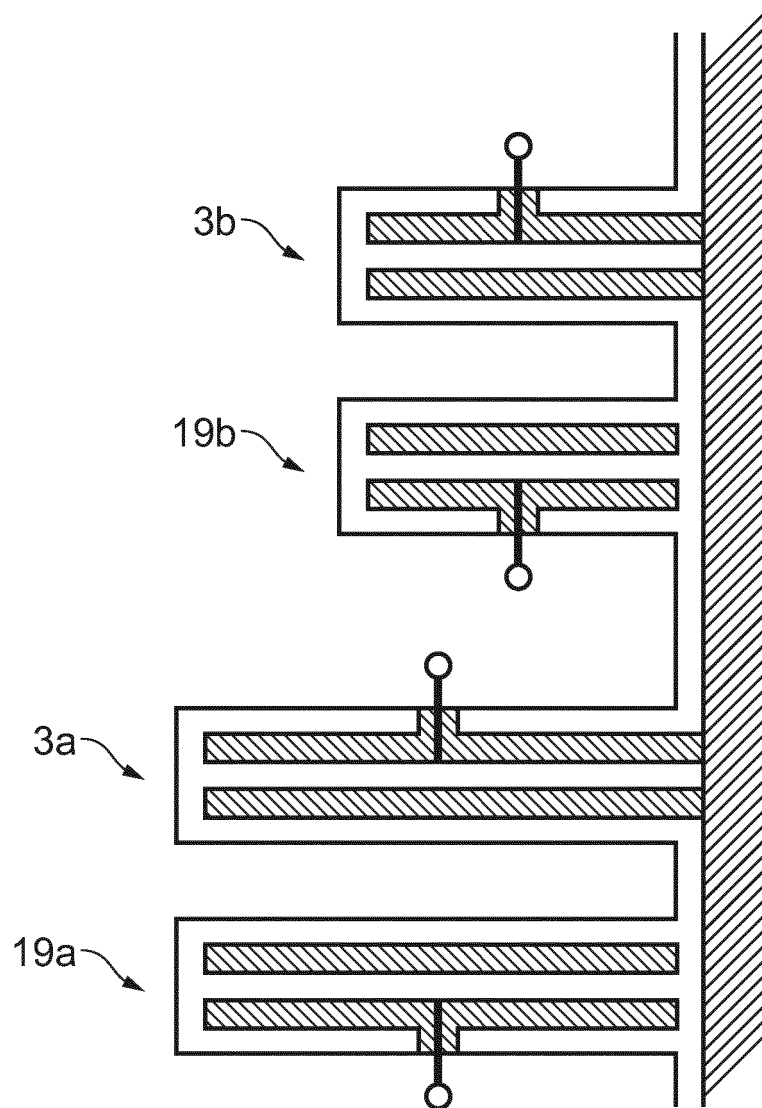


FIG. 9

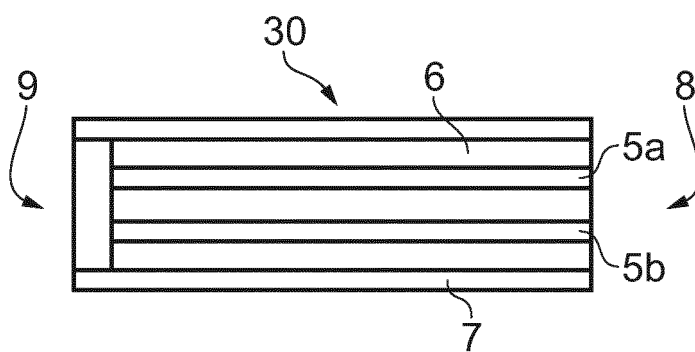


FIG. 10

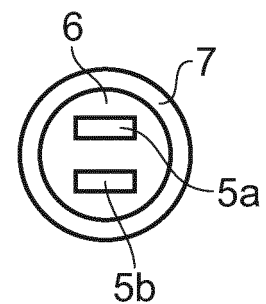


FIG. 11

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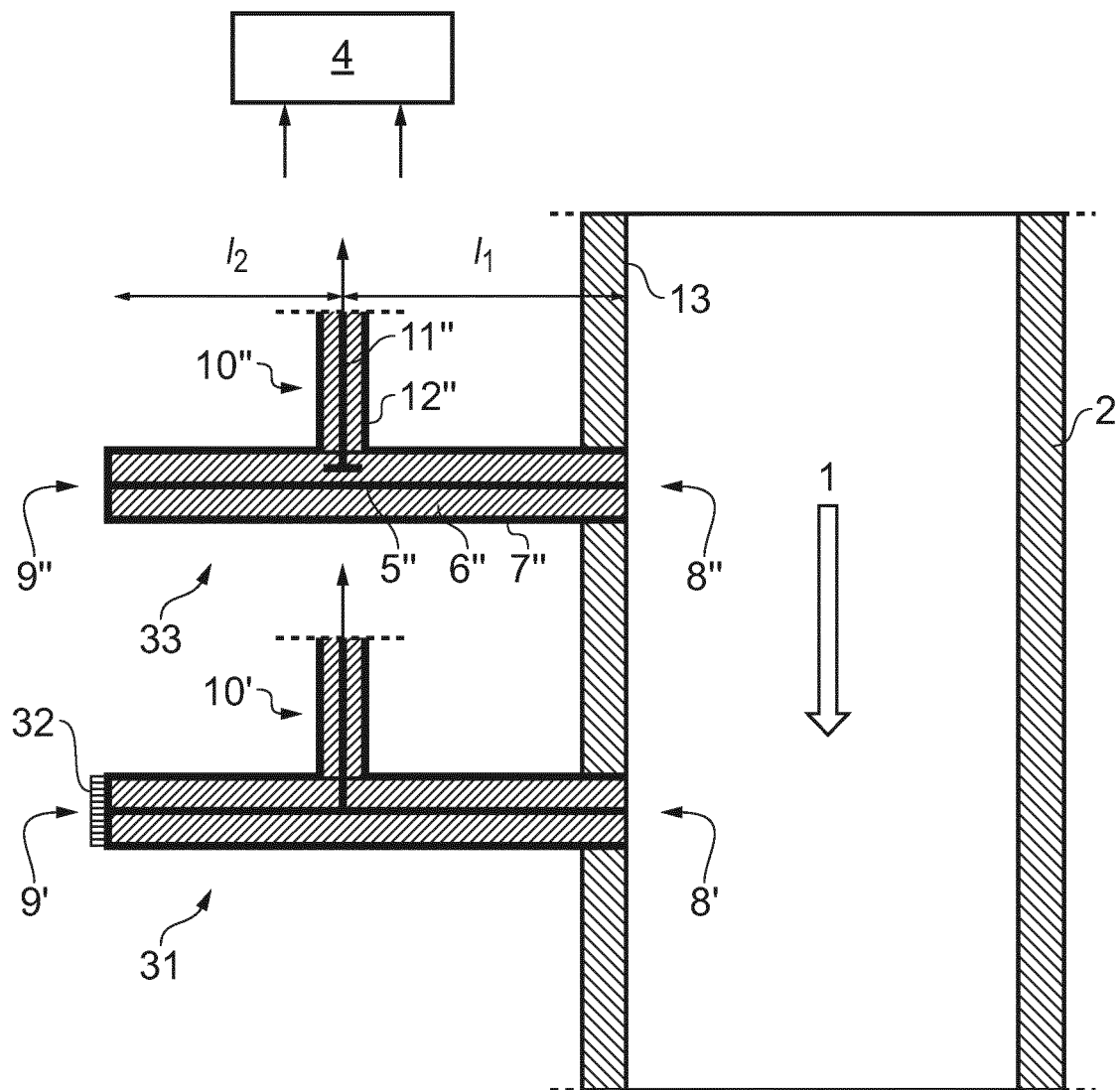


FIG. 12

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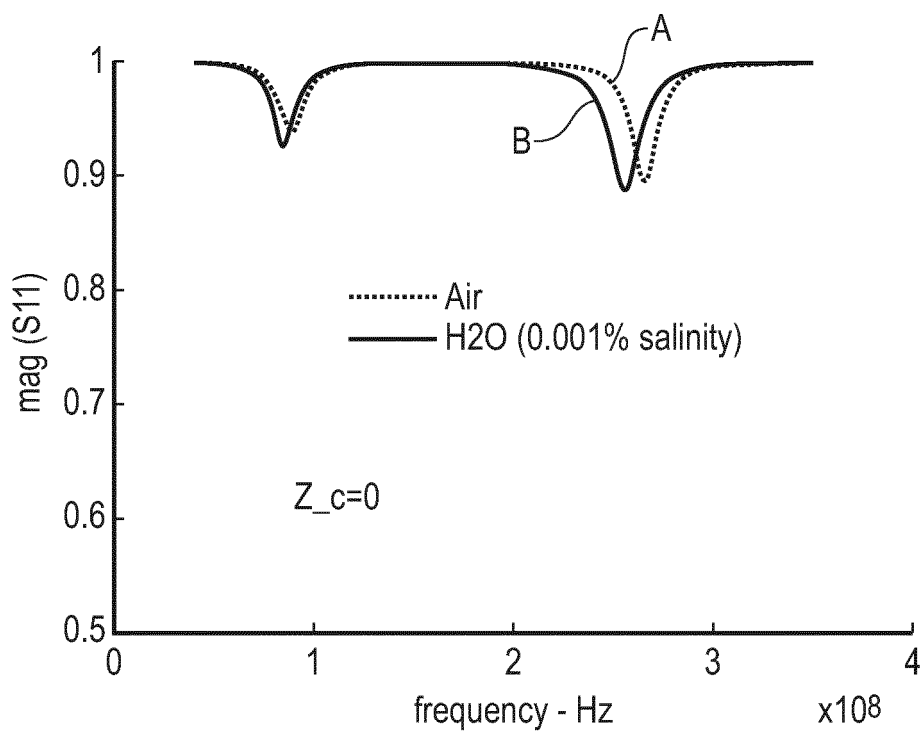


FIG. 13

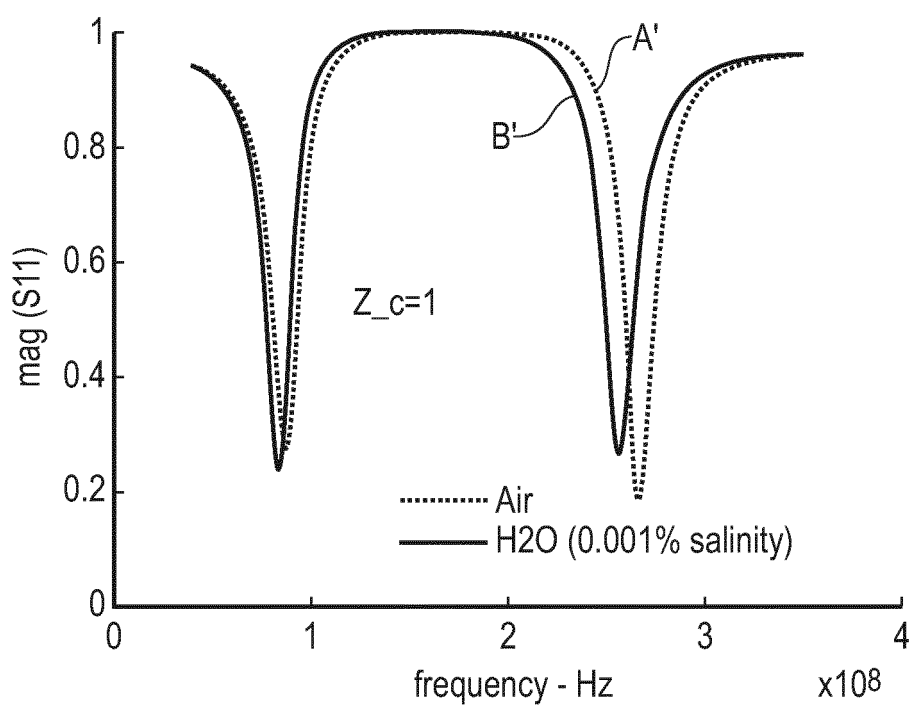


FIG. 14

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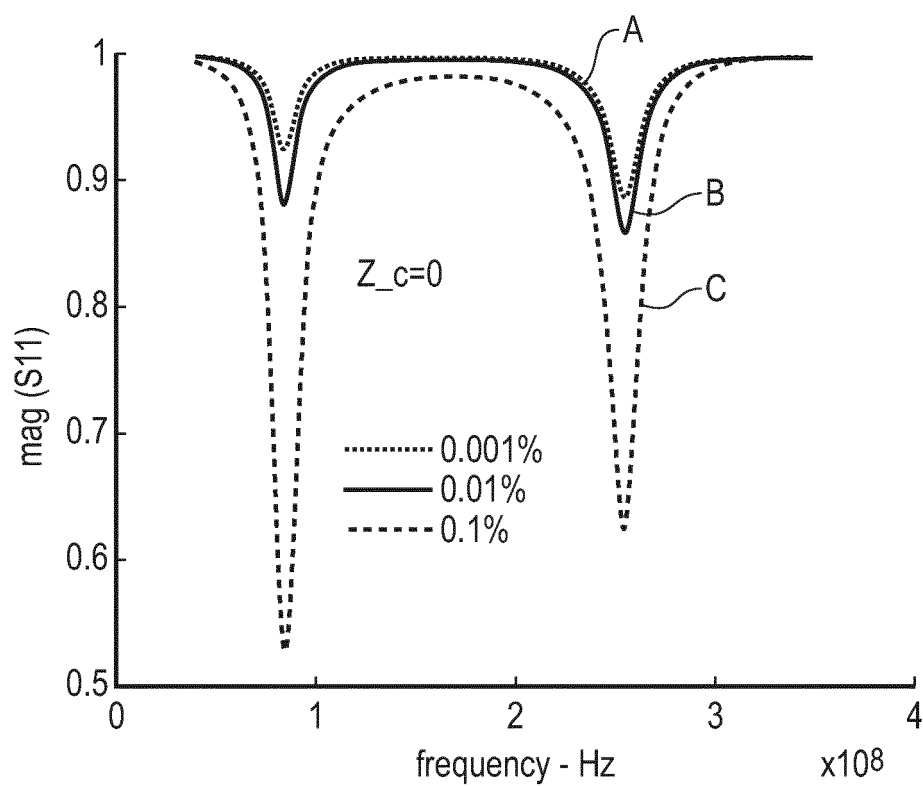


FIG. 15

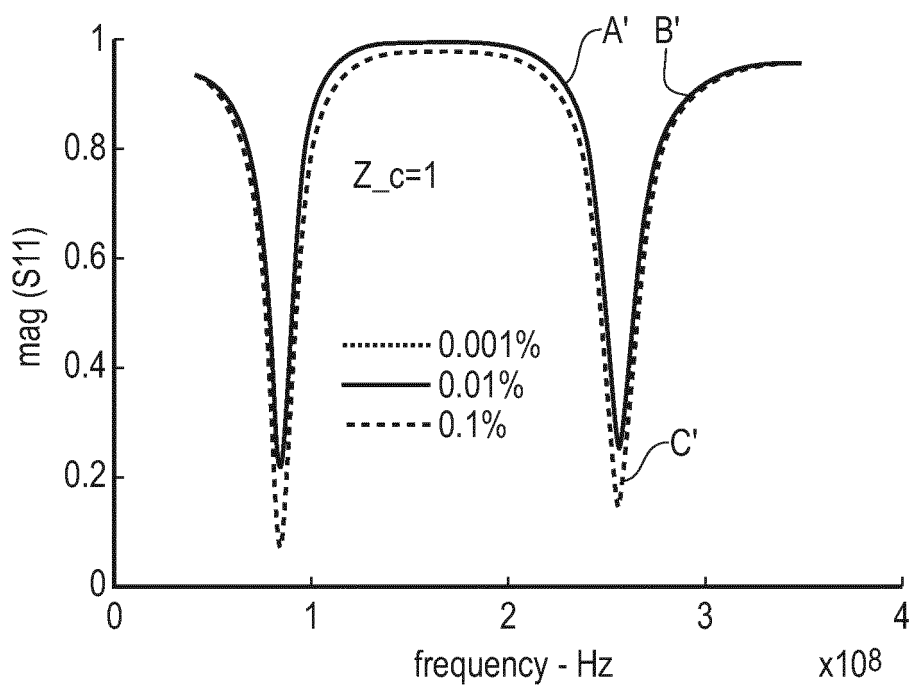


FIG. 16

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Salinity	Low pole amplitude @~80MHz($Z_c=0$)	High pole amplitude @~260MHz($Z_c=0$)
0.1% salinity	0.5276	0.6231
0.01% salinity	0.8794 (0.3518 change)	0.8572 (0.2341 change)
0.001% salinity	0.9239 (0.0445 change)	0.8844 (0.0272 change)
Salinity	Low pole amplitude @~80MHz($Z_c=1$)	High pole amplitude @~260MHz($Z_c=1$)
0.1% salinity	0.06086	0.1415
0.01% salinity	0.2159 (0.1550 change)	0.2504 (0.1089 change)
0.001% salinity	0.234 (0.0181 change)	0.2624 (0.0120 change)

Fig. 17

Salinity	Pole amplitude @~185MHz($Z_c=0$)
6% salinity	0.3792
7% salinity	0.3244
8% salinity	0.2752
Salinity	Pole amplitude @~185MHz($Z_c=1$)
6% salinity	0.4295
7% salinity	0.3833
8% salinity	0.3425

Fig. 22

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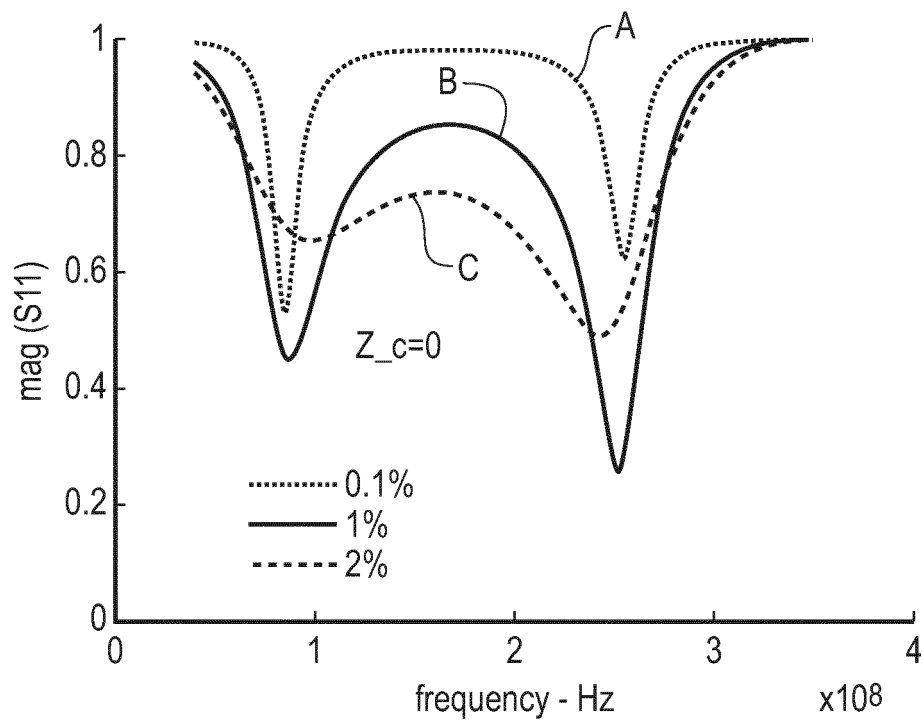


FIG. 18

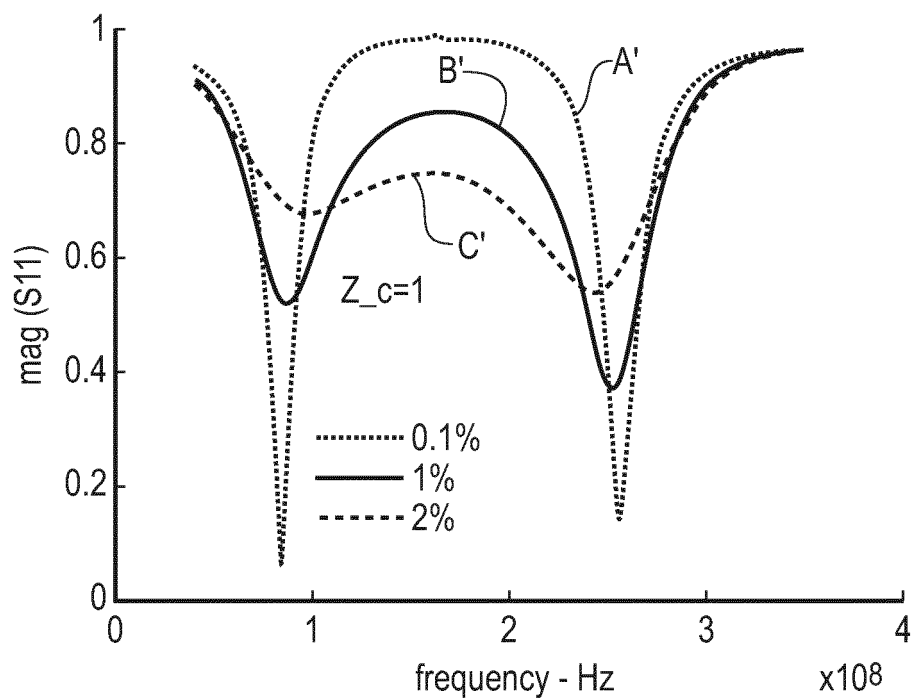


FIG. 19

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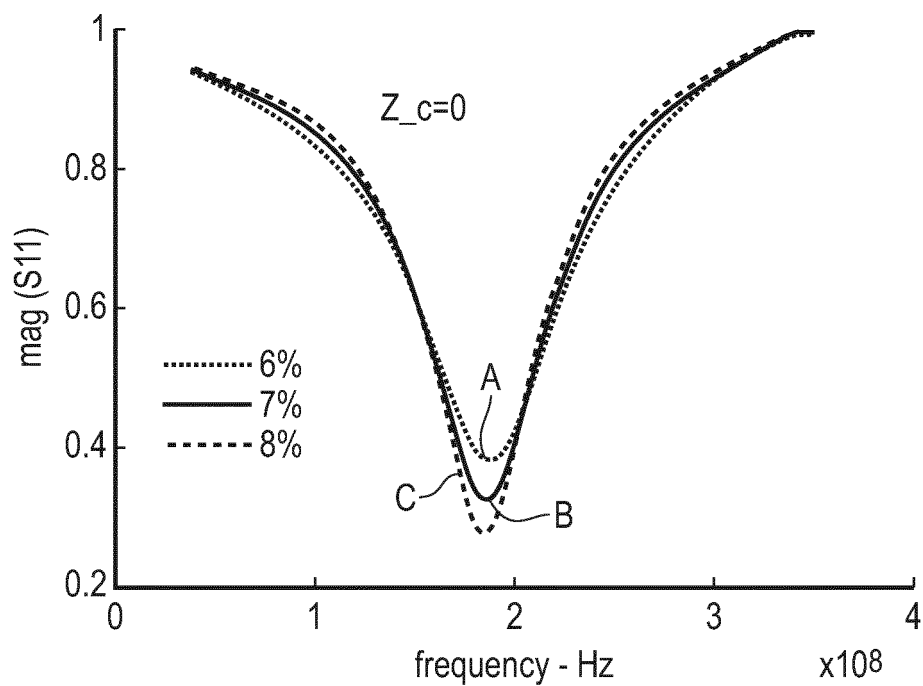


FIG. 20

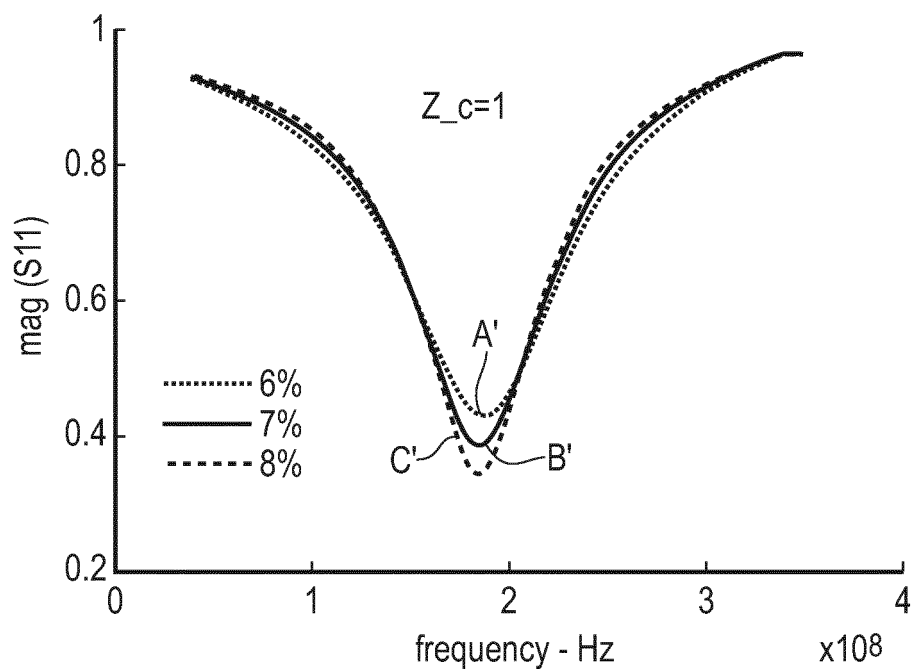


FIG. 21

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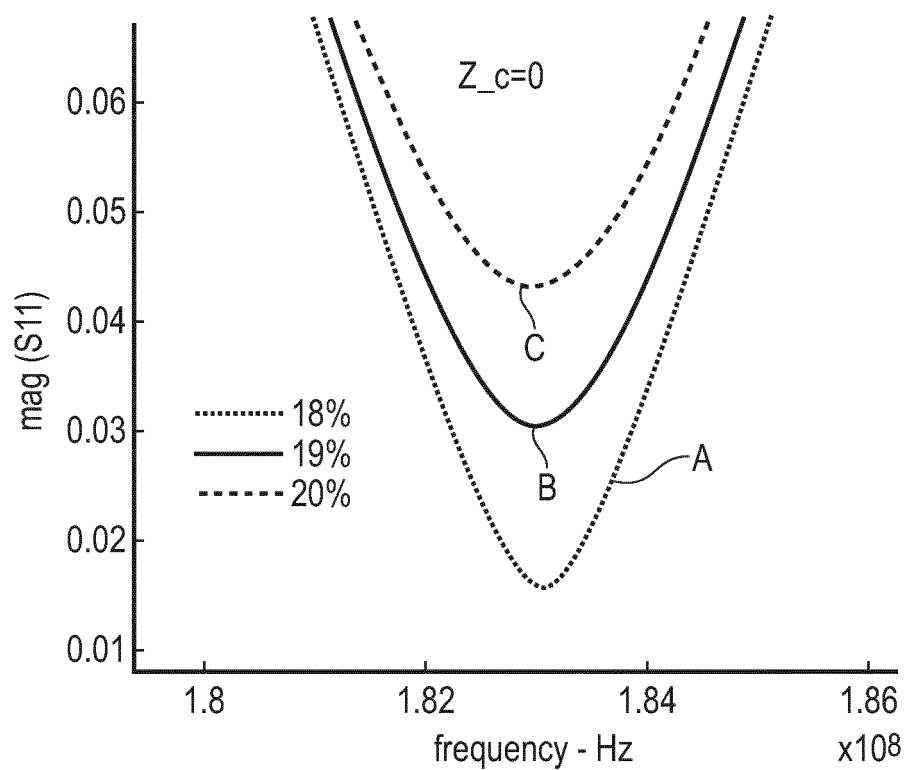


FIG. 23

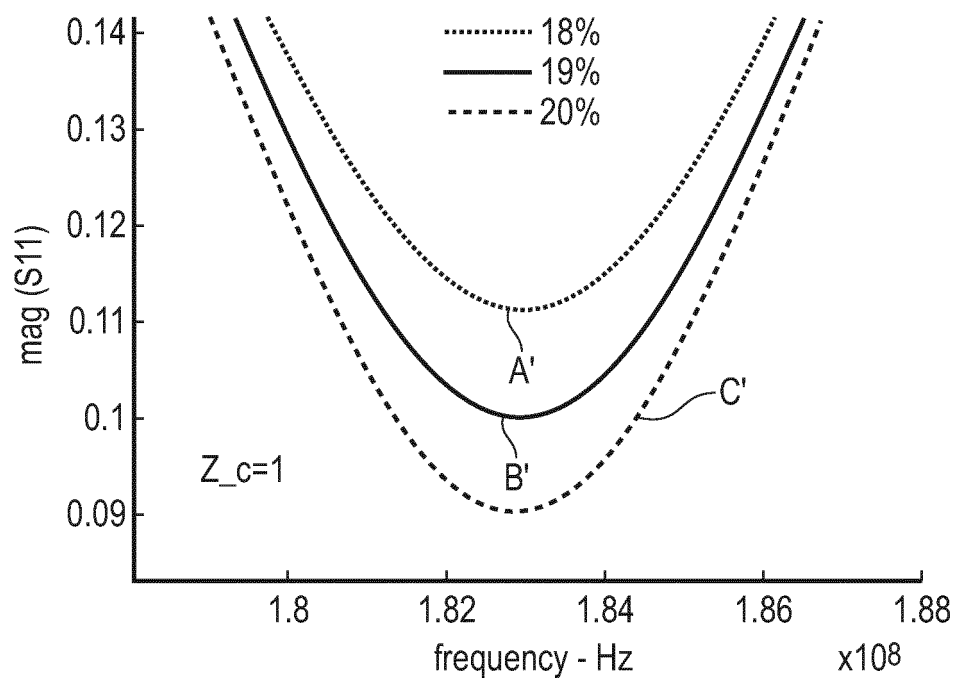


FIG. 24

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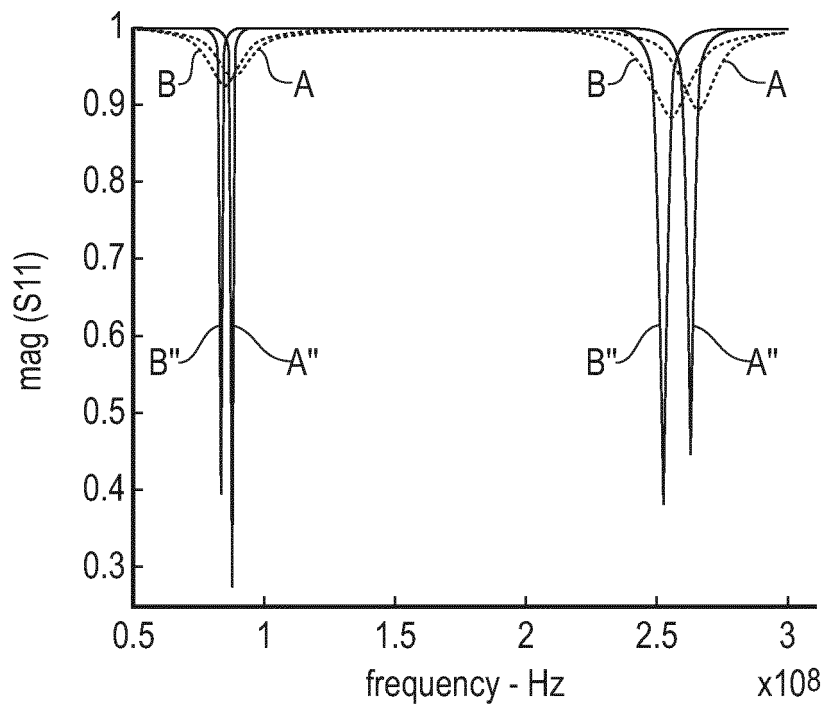


FIG. 25

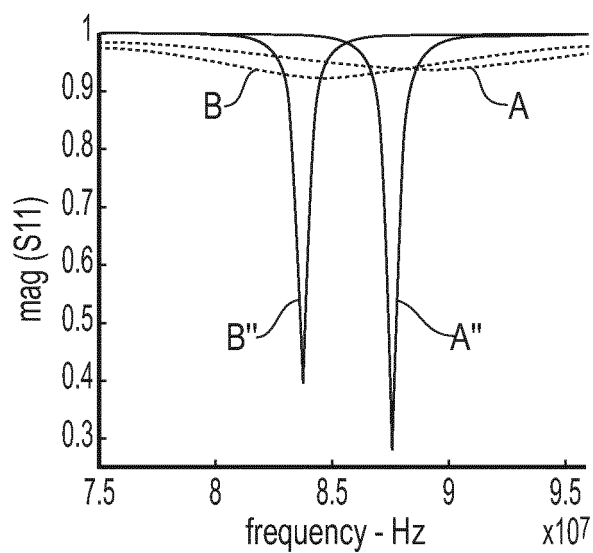


FIG. 26

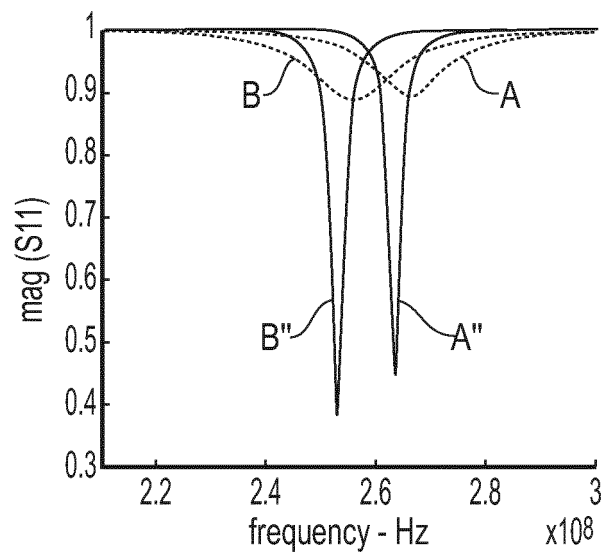


FIG. 27

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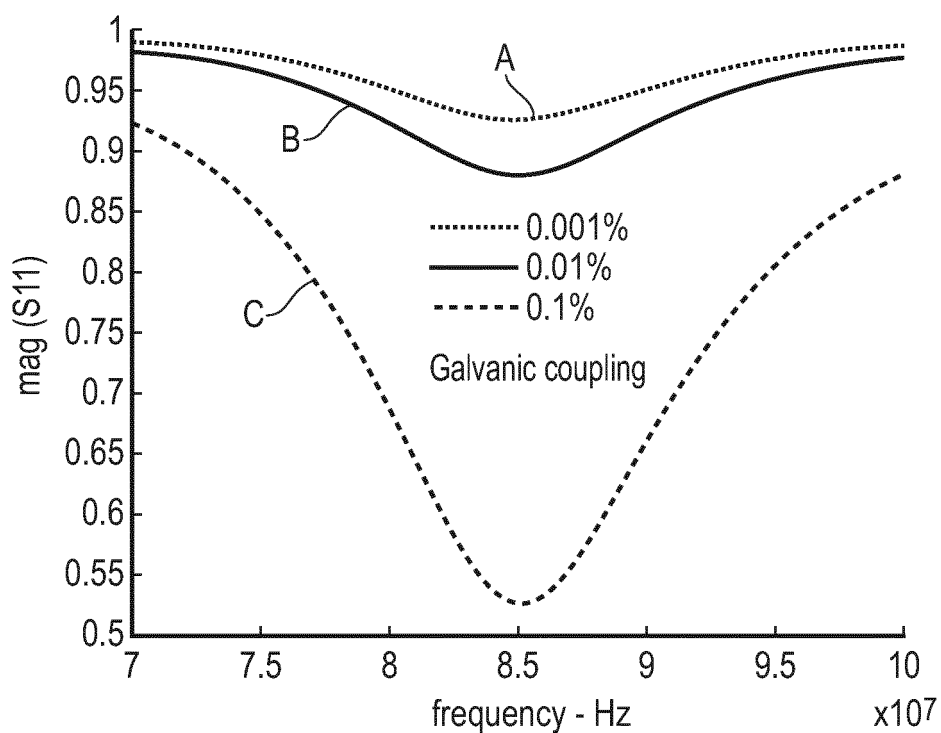


FIG. 28

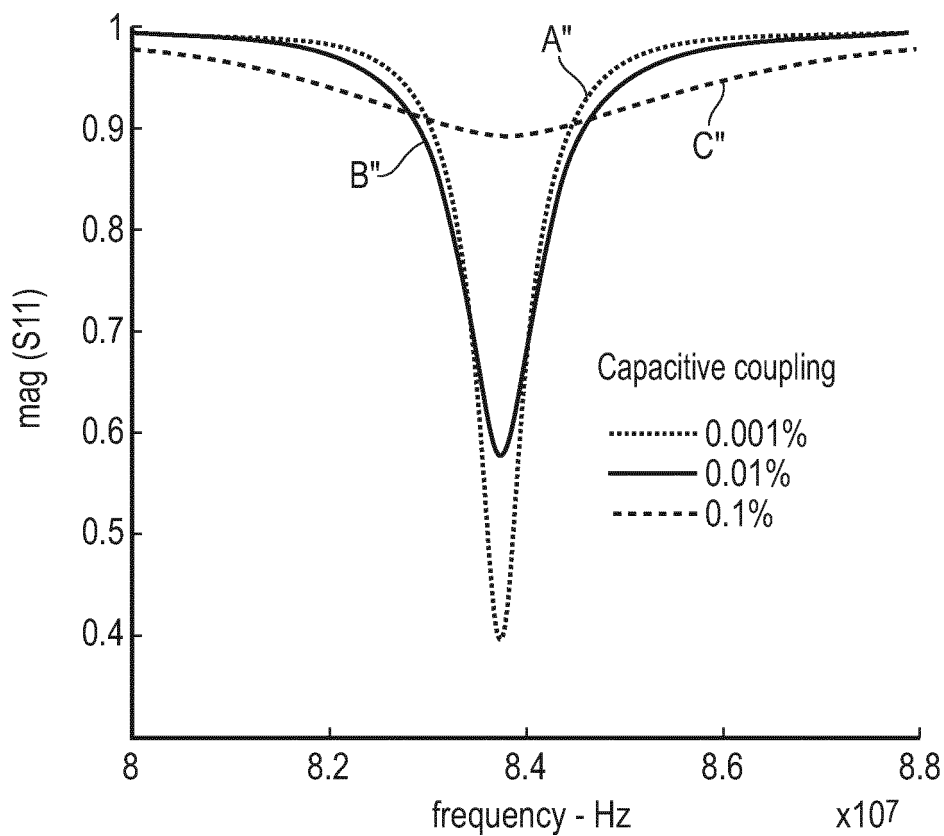


FIG. 29

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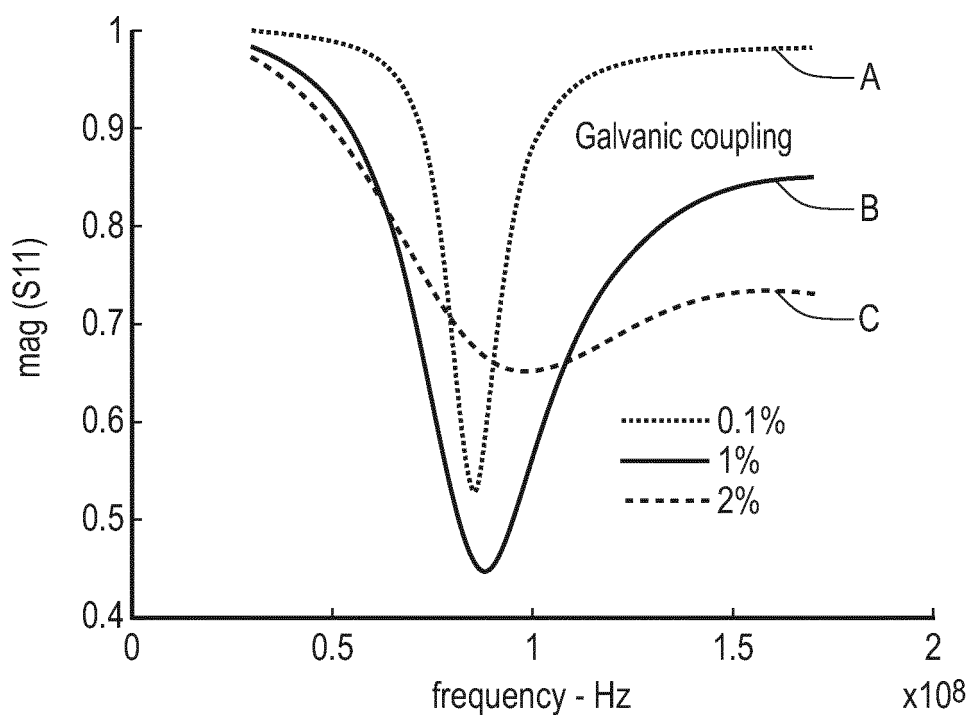


FIG. 30

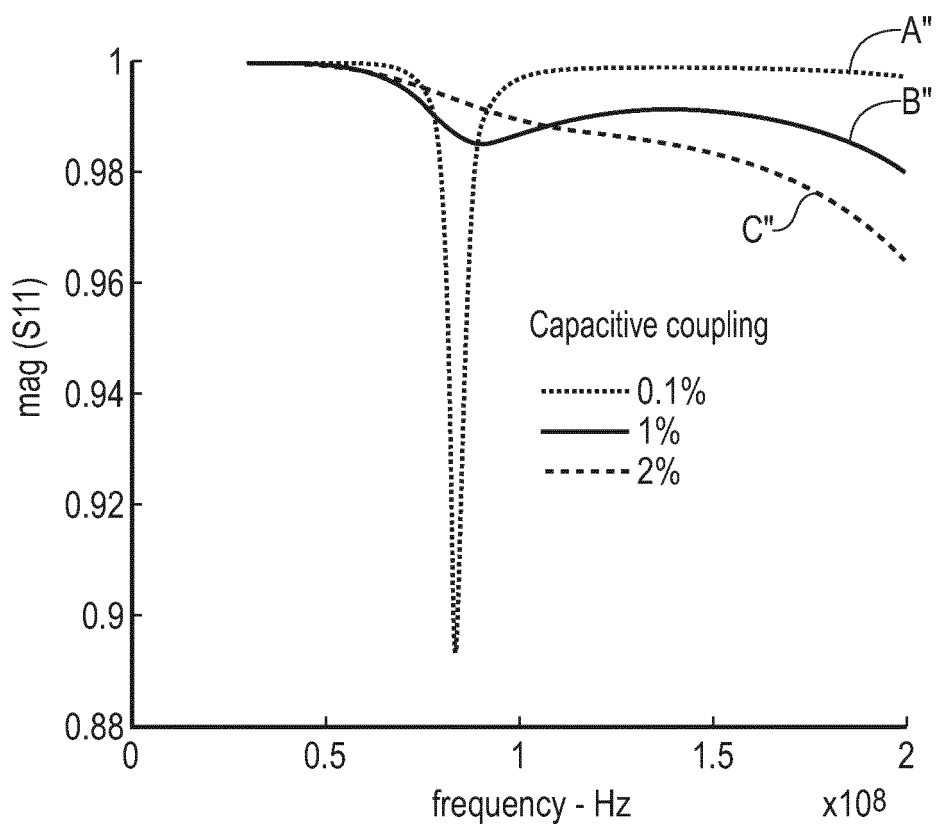


FIG. 31

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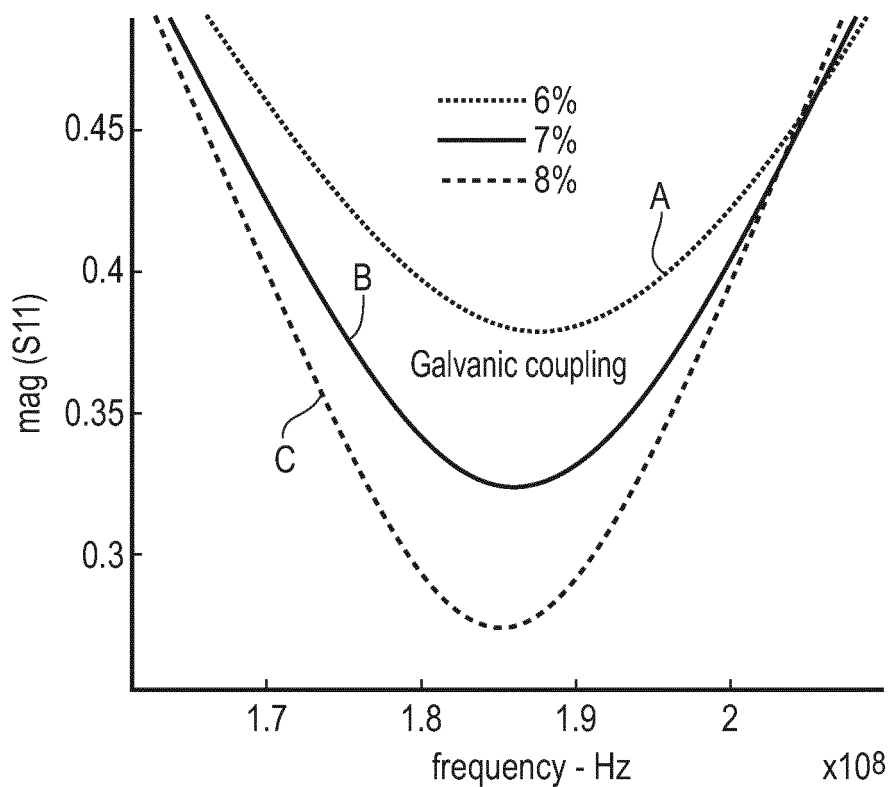


FIG. 32

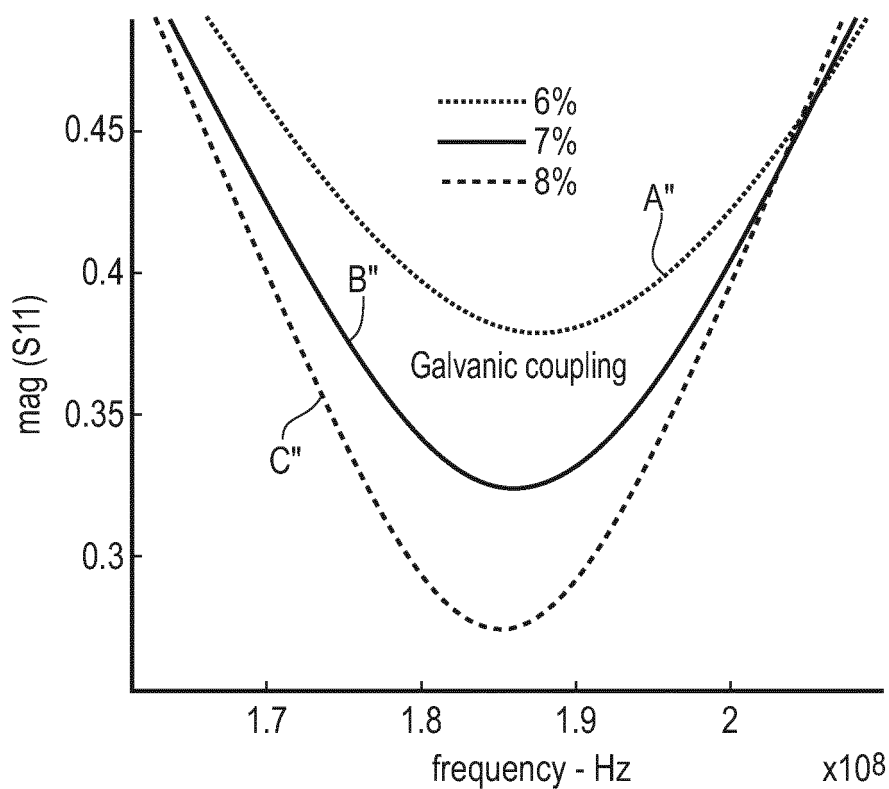


FIG. 33

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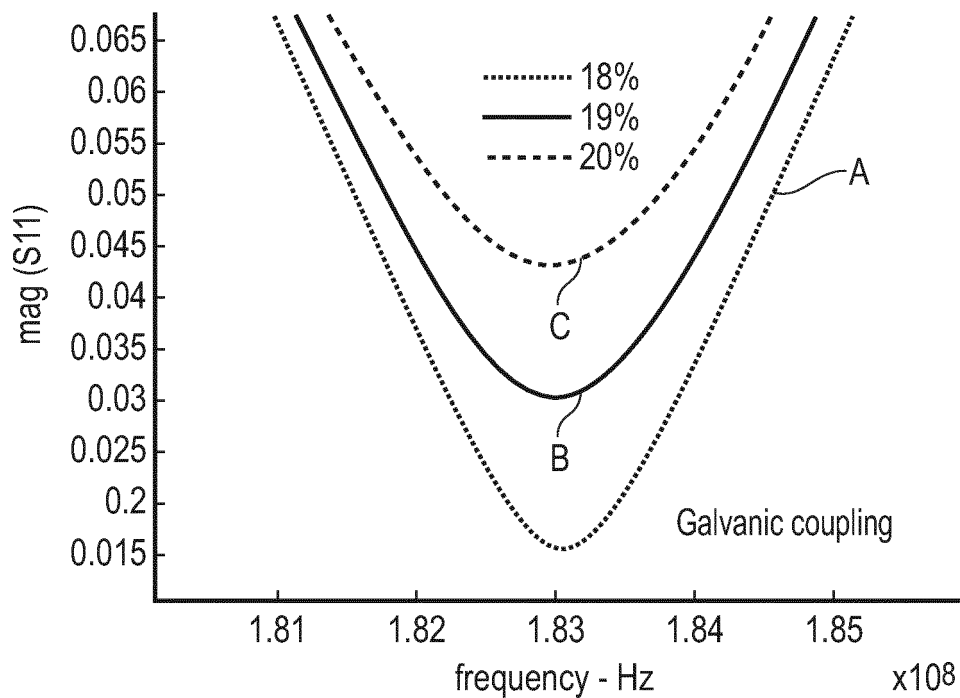


FIG. 34

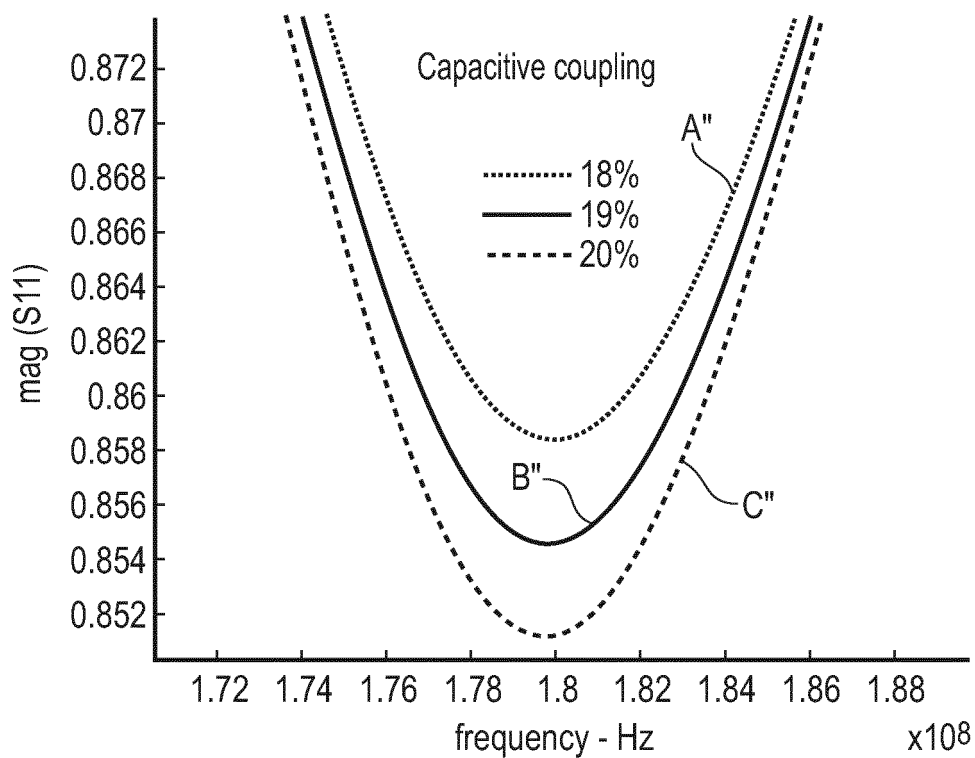


FIG. 35