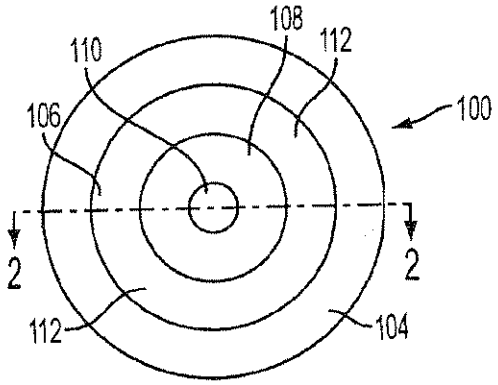


FIG. 1

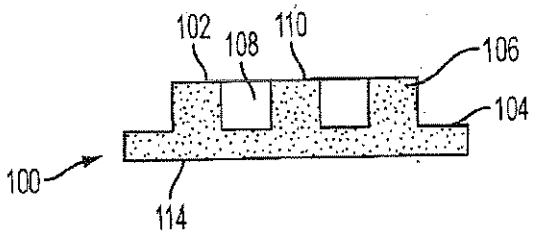


FIG. 2

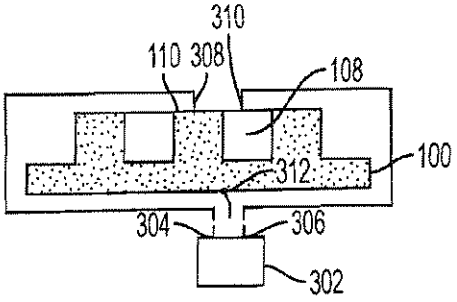


FIG. 3

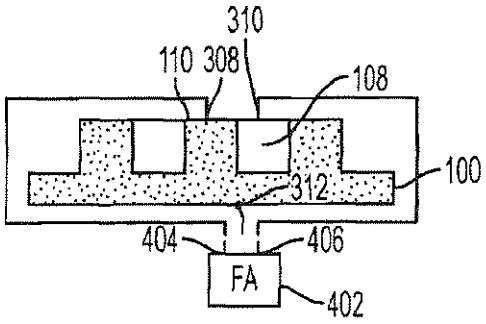

310
110
308
108
100
312
404
406
FA
402

FIG. 4

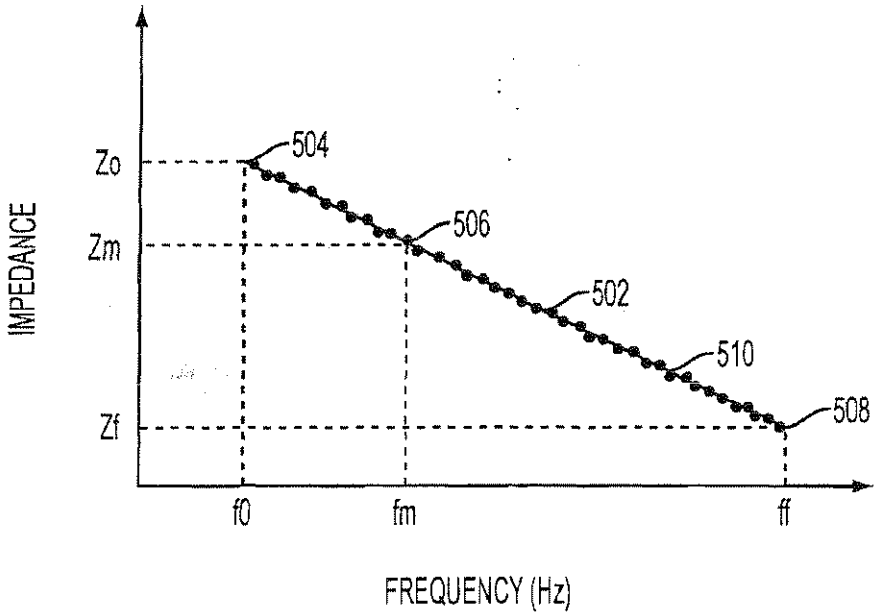

IMPEDANCE
Zo
Zm
Zf
504
506
502
510
508
f0
fm
ff
FREQUENCY (Hz)

FIG. 5

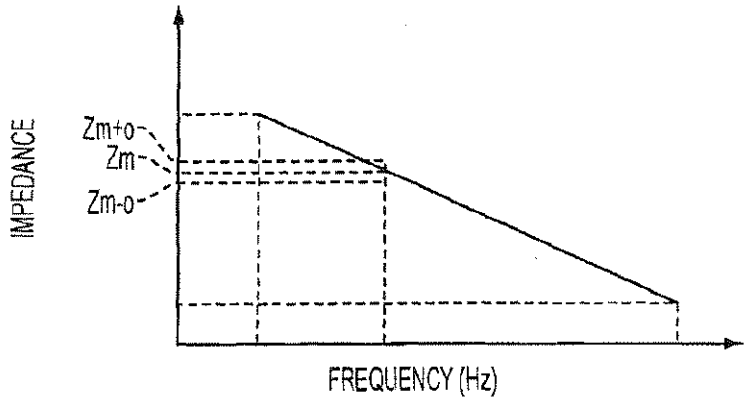

IMPEDANCE
Zm+o
Zm
Zm-o
FREQUENCY (Hz)

FIG. 6

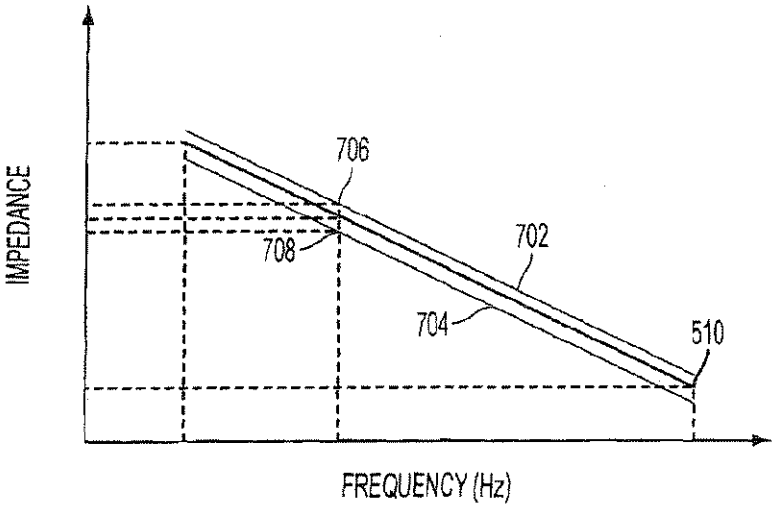

IMPEDANCE
706
708
702
704
510
FREQUENCY (Hz)

FIG. 7

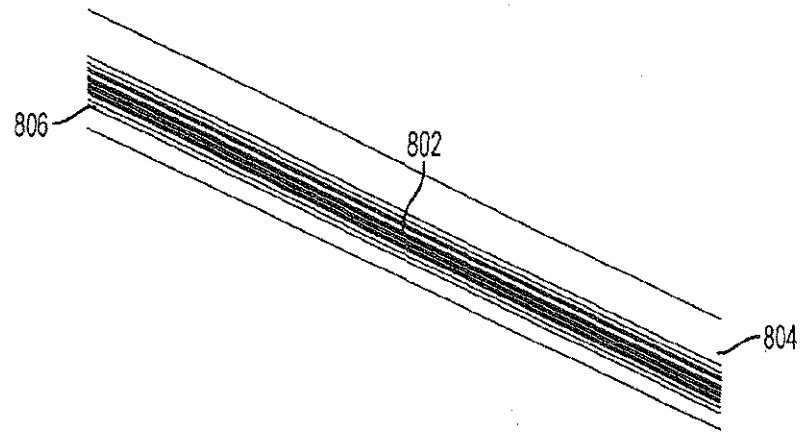


FIG. 8

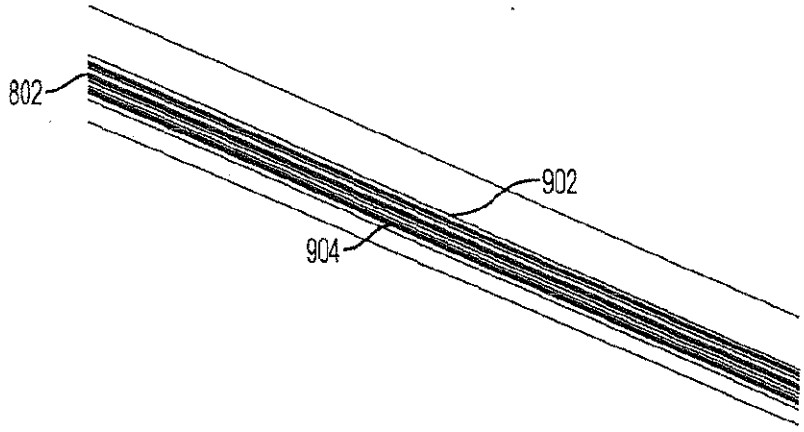


FIG. 9

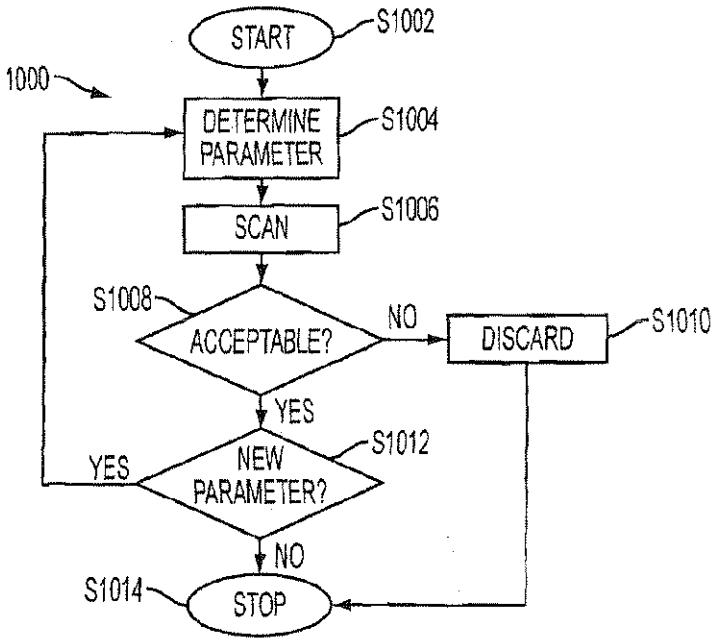

START
S1002
1000
DETERMINE PARAMETER
S1004
SCAN
S1006
S1008
ACCEPTABLE?
NO
DISCARD
S1010
YES
S1012
NEW PARAMETER?
YES
NO
S1014
STOP

FIG. 10

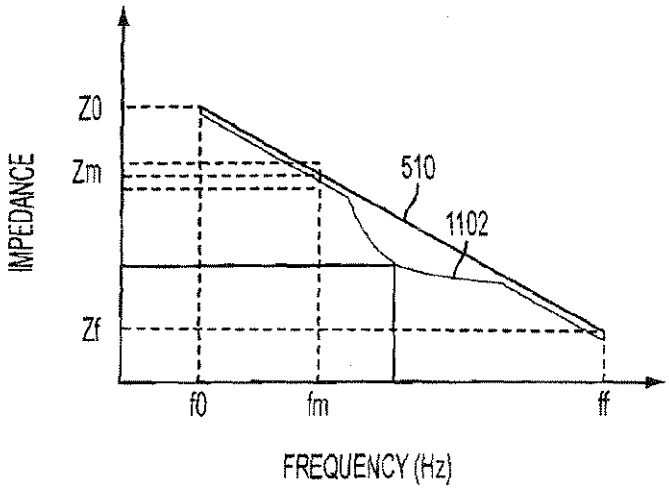

Z0
Zm
Zf
IMPEDANCE
510
1102
f0
fm
ff
FREQUENCY (Hz)

FIG. 11

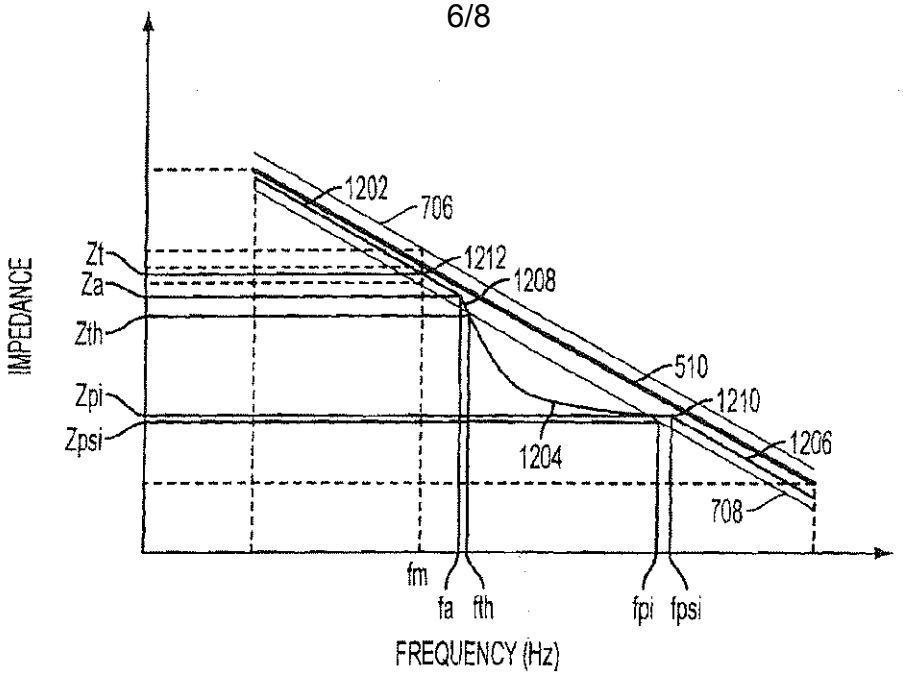

IMPEDANCE
Zt
Za
Zth
Zpi
Zpsi
1202
706
1212
1208
510
1210
1206
1204
708
fm
fa
fth
fpi
fpsi
FREQUENCY (Hz)

FIG. 12

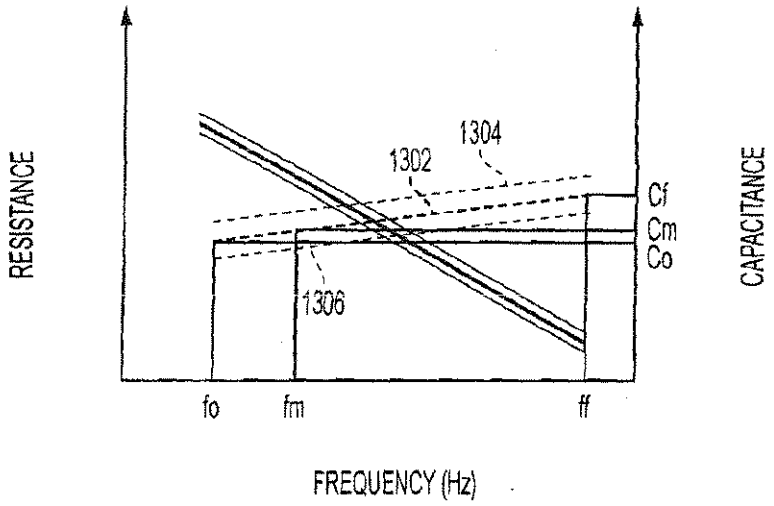

RESISTANCE
1304
1302
Cf
Cm
Co
CAPACITANCE
1306
fo
fm
ff
FREQUENCY (Hz)

FIG. 13

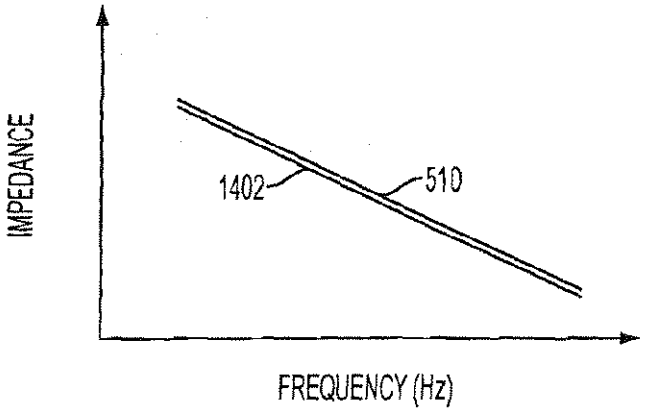

IMPEDANCE
1402
510
FREQUENCY (Hz)

FIG. 14

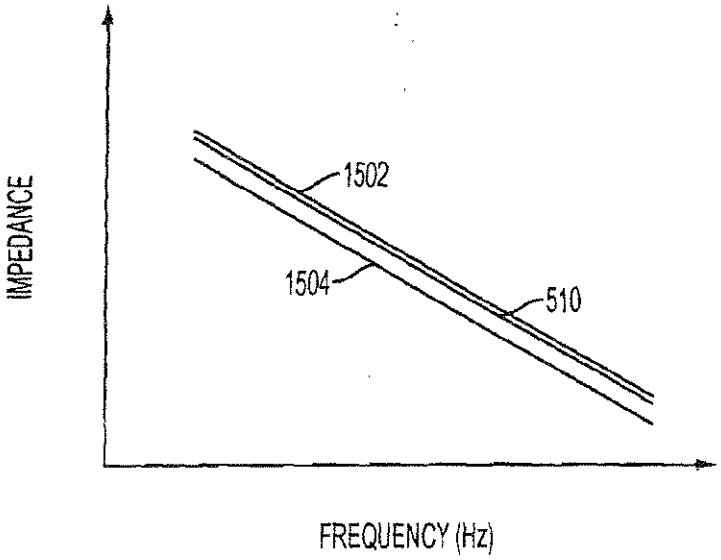

IMPEDANCE
1502
1504
510
FREQUENCY (Hz)

FIG. 15

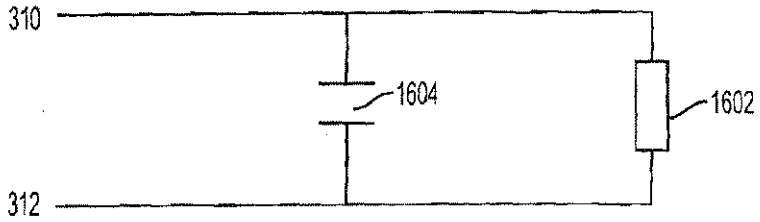

310
1604
1602
312

FIG. 16

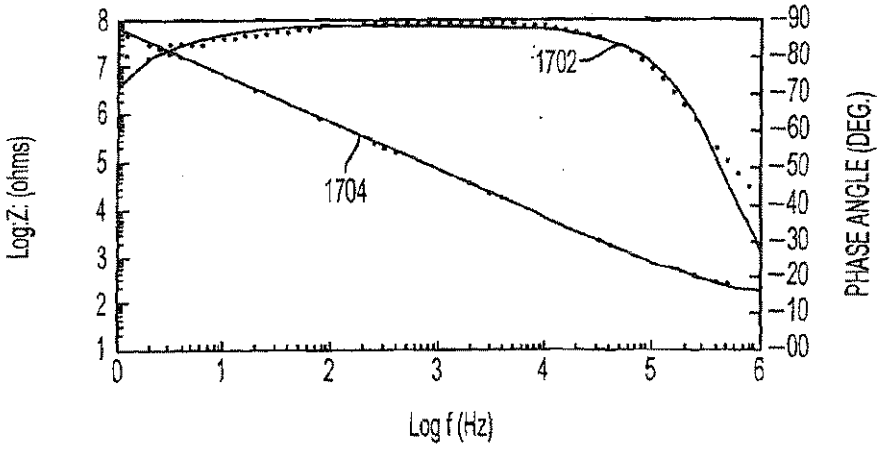

Log Z (ohms)
PHASE ANGLE (DEG.)
1702
1704
Log f (Hz)
8
7
6
5
4
3
2
1
0
1
2
3
4
5
6
-90
-80
-70
-60
-50
-40
-30
-20
-10
-00

FIG. 17