FIG. 1

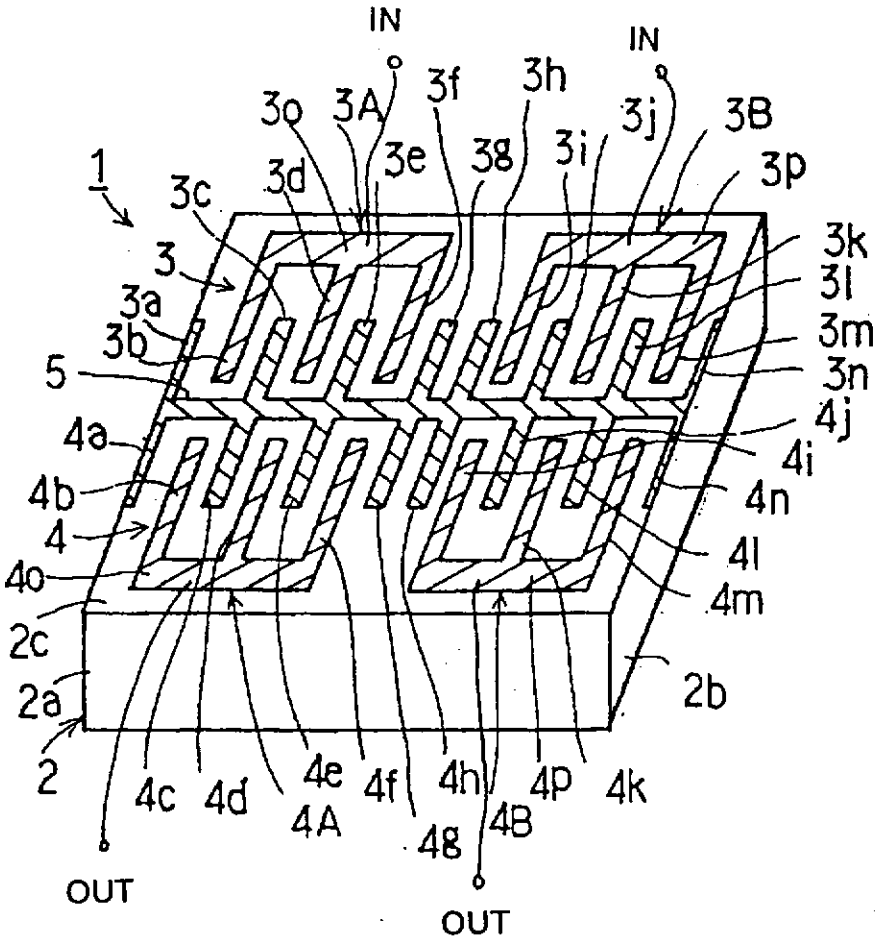

IN
IN
3o
3A
3f
3h
3j
3B
3p
1
3c
3d
3e
3g
3i
3k
3
3l
3a
3m
3b
3n
5
4j
4a
4i
4b
4n
4
4l
4o
4m
2c
2b
2a
2
4c
4d
4e
4A
4f
4h
4B
4p
4k
4g
OUT
OUT

FIG. 2

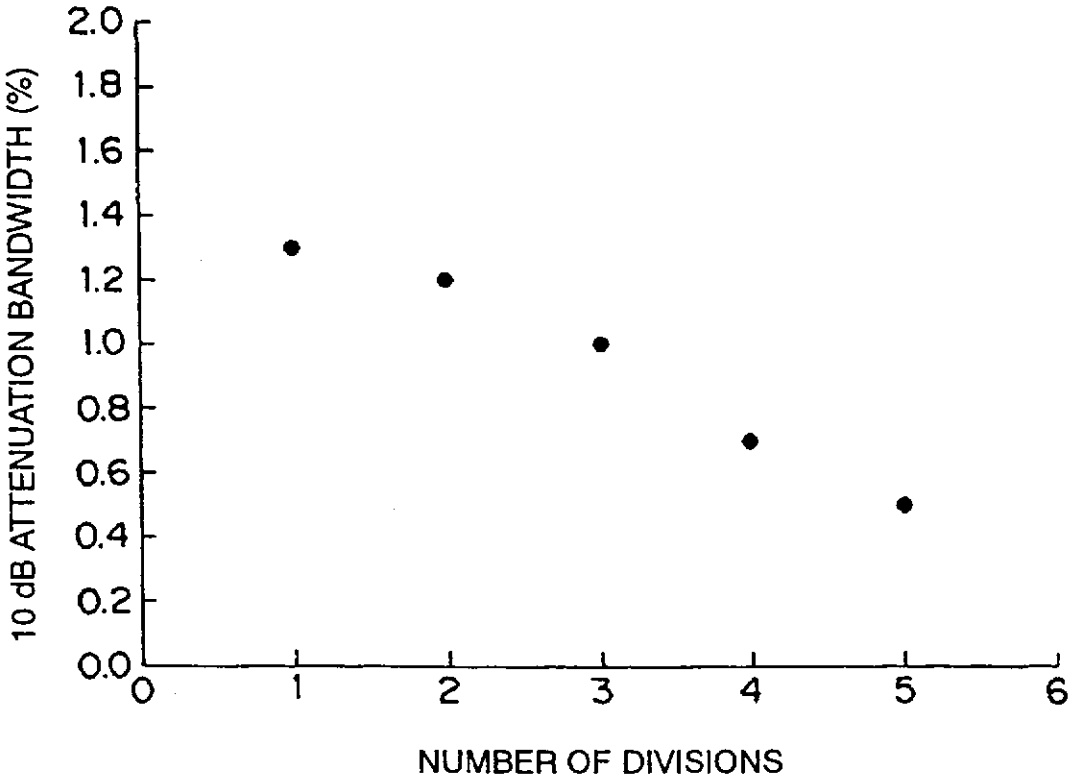

10 dB ATTENUATION BANDWIDTH (%)
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0
1
2
3
4
5
6
NUMBER OF DIVISIONS

FIG. 3

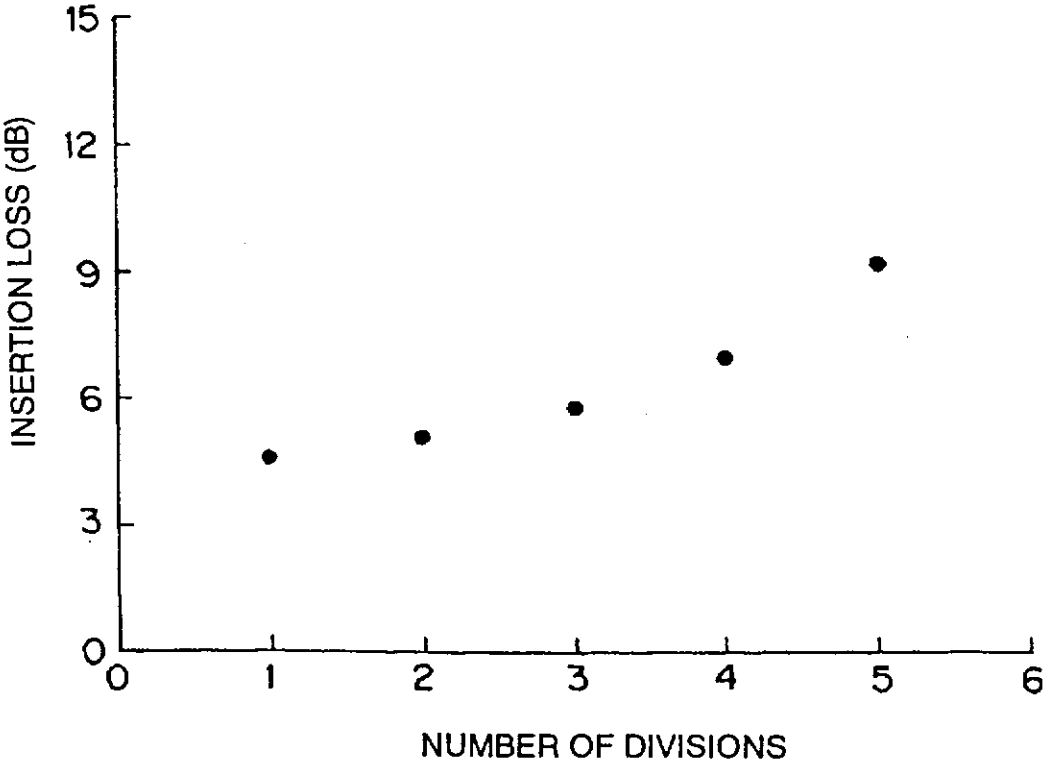

INSERTION LOSS (dB)
15
12
9
6
3
0
0
1
2
3
4
5
6
NUMBER OF DIVISIONS

FIG. 4

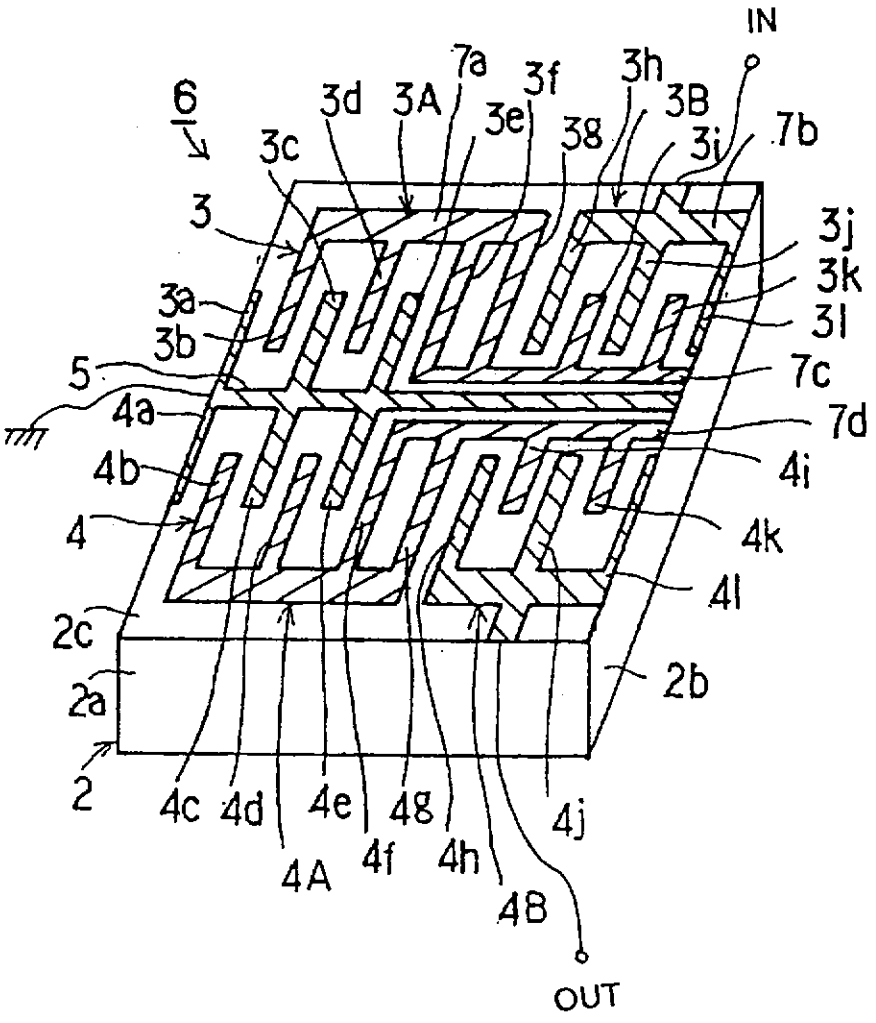

IN
6
3c
3d
3A
7a
3e
3f
3g
3h
3B
3i
7b
3
3j
3k
3l
3a
3b
5
7c
4a
7d
4b
4i
4
4k
4l
2c
2b
2a
2
4c
4d
4e
4g
4j
4A
4f
4h
4B
OUT

FIG. 5

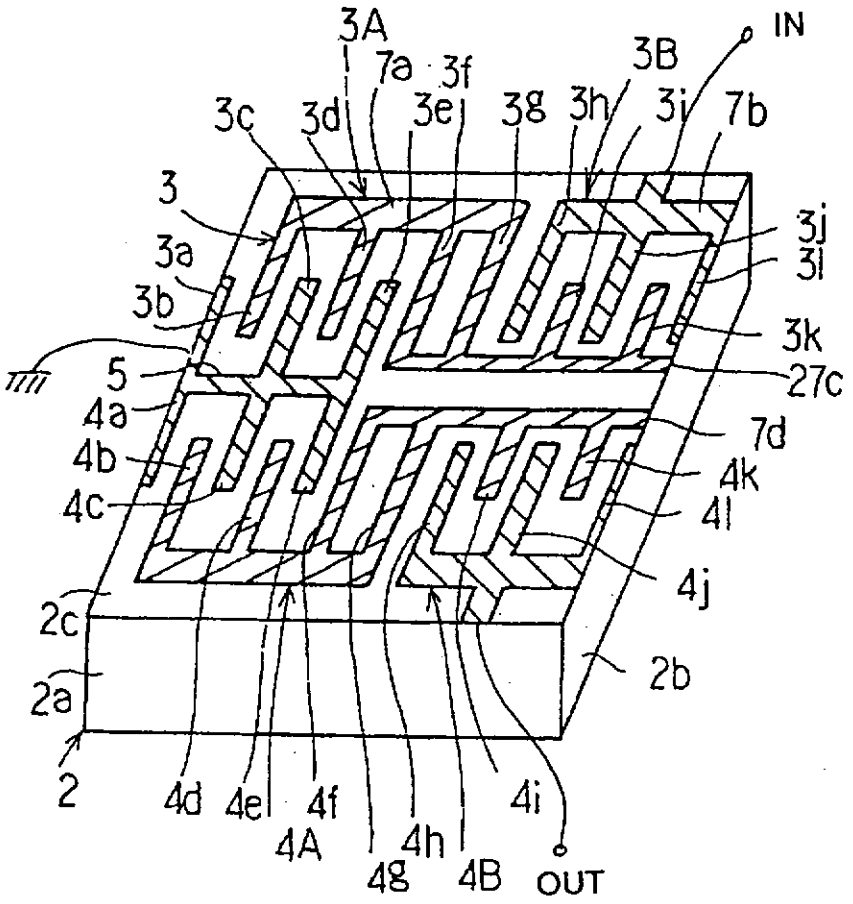

3A
7a
3f
3B
IN
3c
3d
3e
3g
3h
3i
7b
3
3j
3a
3l
3b
3k
5
27c
4a
7d
4b
4k
4c
4l
4j
2c
2b
2a
2
4d
4e
4f
4i
4A
4h
4g
4B
OUT

FIG. 6

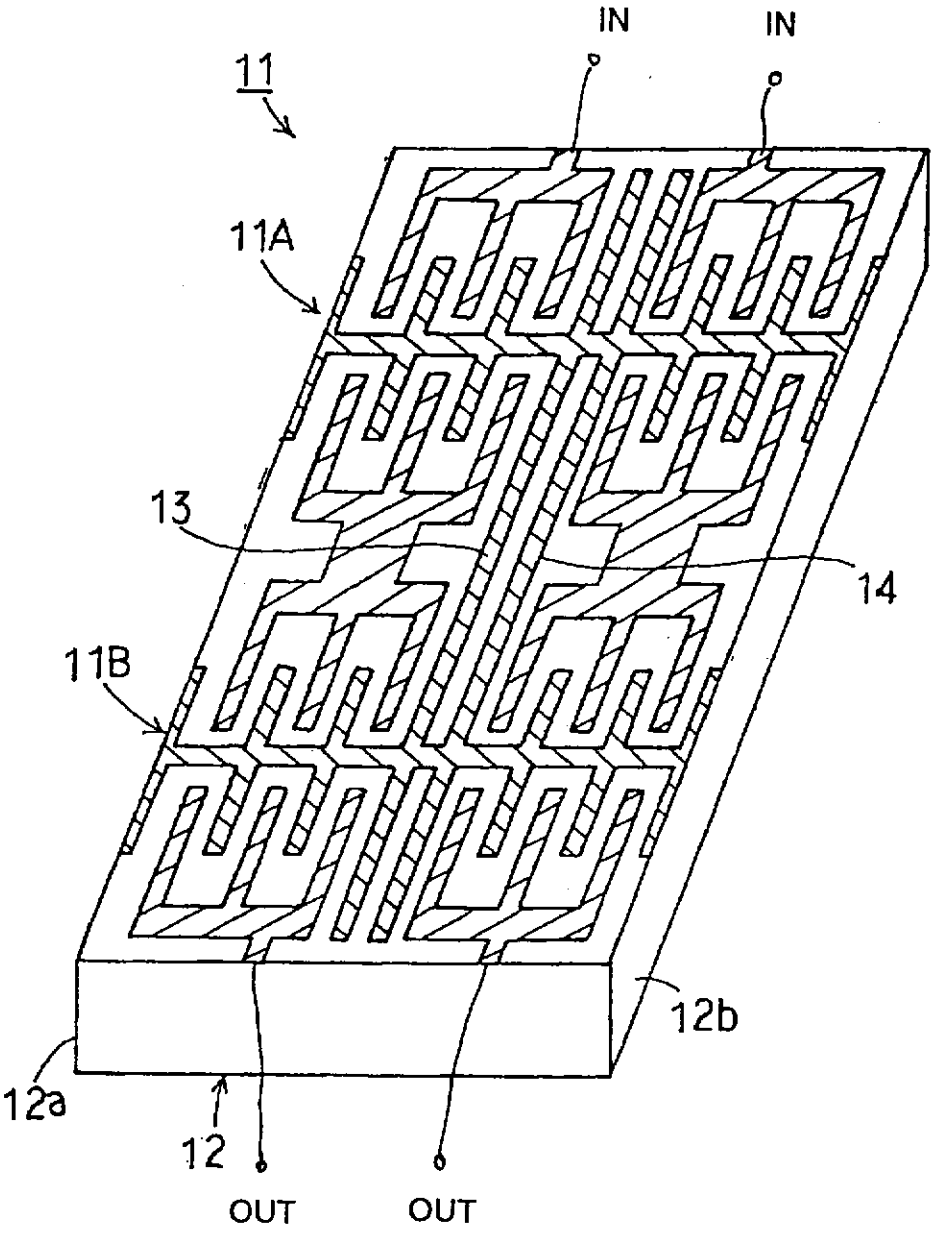


FIG. 7

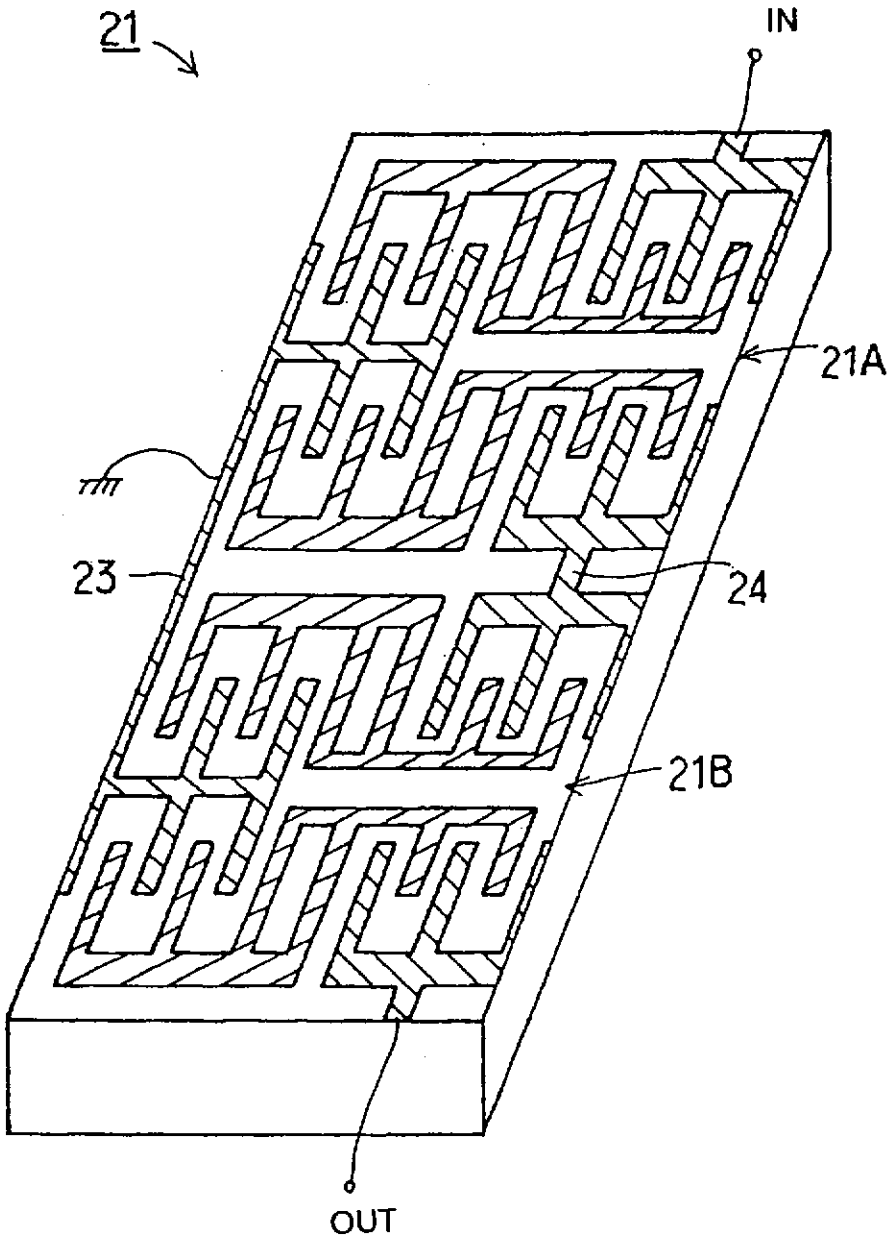


FIG. 8

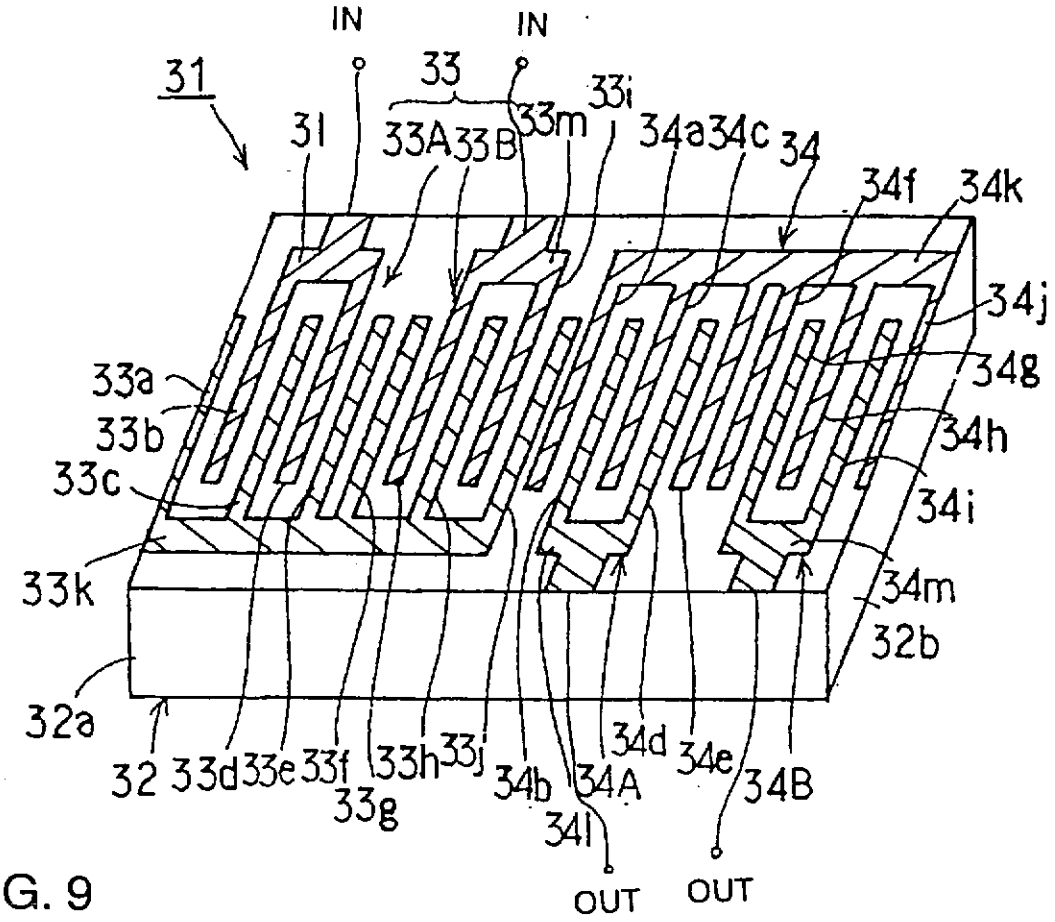

IN
IN
31
33
33i
31
33A
33B
33m
34a
34c
34
34f
34k
34j
33a
34g
33b
34h
33c
34i
33k
34m
32b
32a
32
33d
33e
33f
33h
33j
34b
34A
34d
34e
34B
33g
34l
OUT
OUT

FIG. 9

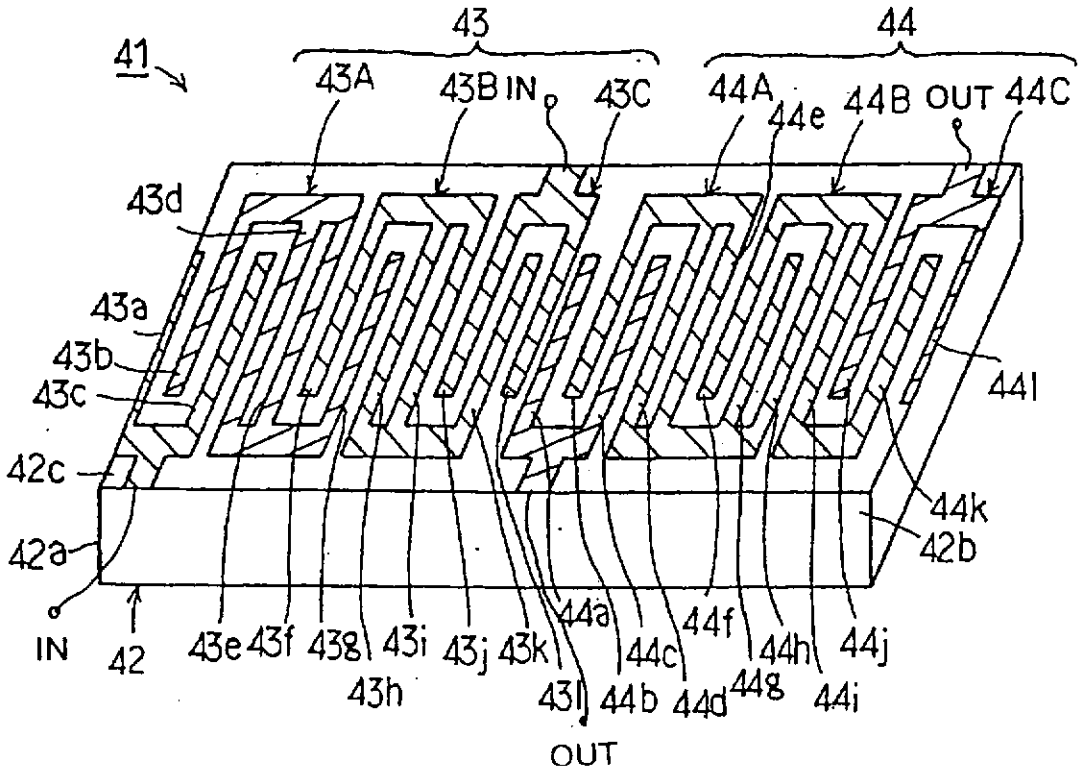

43
44
41
43A
43B
IN
43C
44A
44e
44B
OUT
44C
43d
43a
43b
44l
43c
42c
44k
42a
42b
IN
42
43e
43f
43g
43i
43j
43k
44a
44f
44h
44j
43h
43l
44b
44d
44g
44i
OUT

FIG. 10

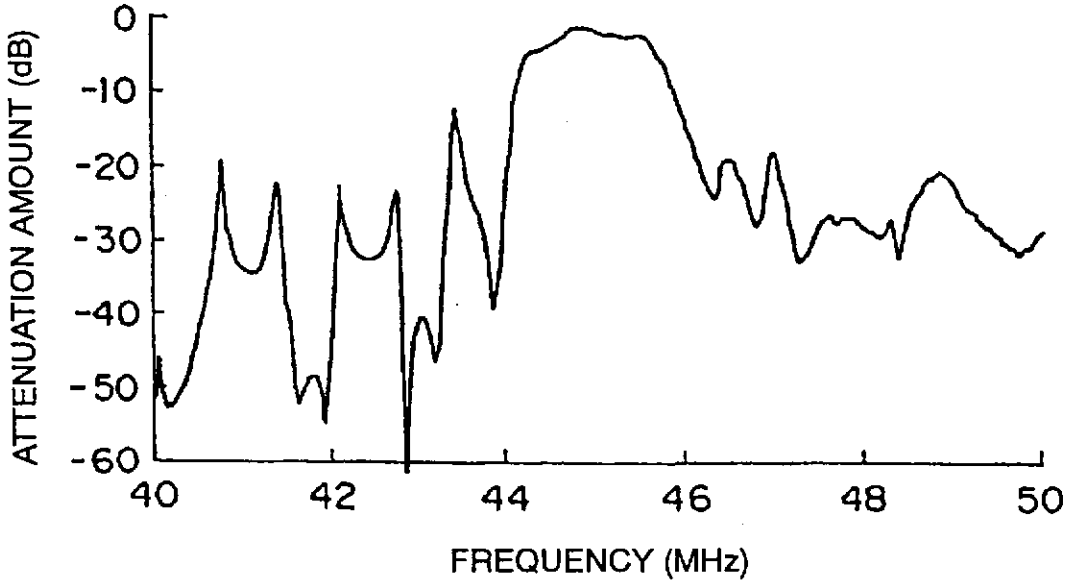

ATTENUATION AMOUNT (dB)
0
-10
-20
-30
-40
-50
-60
40
42
44
46
48
50
FREQUENCY (MHz)

FIG. 11

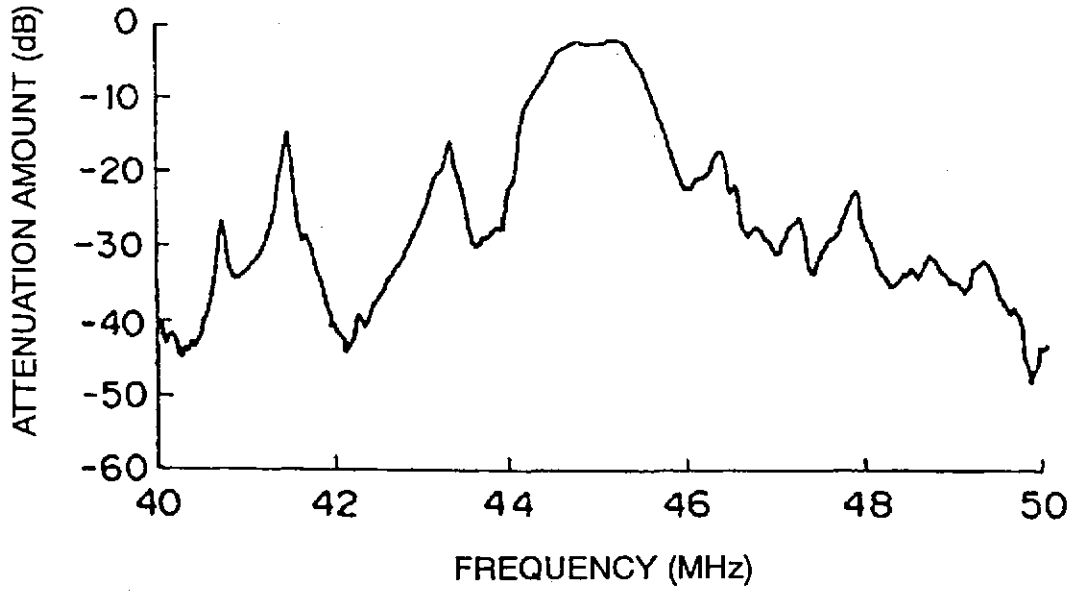

ATTENUATION AMOUNT (dB)
0
-10
-20
-30
-40
-50
-60
40
42
44
46
48
50
FREQUENCY (MHz)

FIG. 12

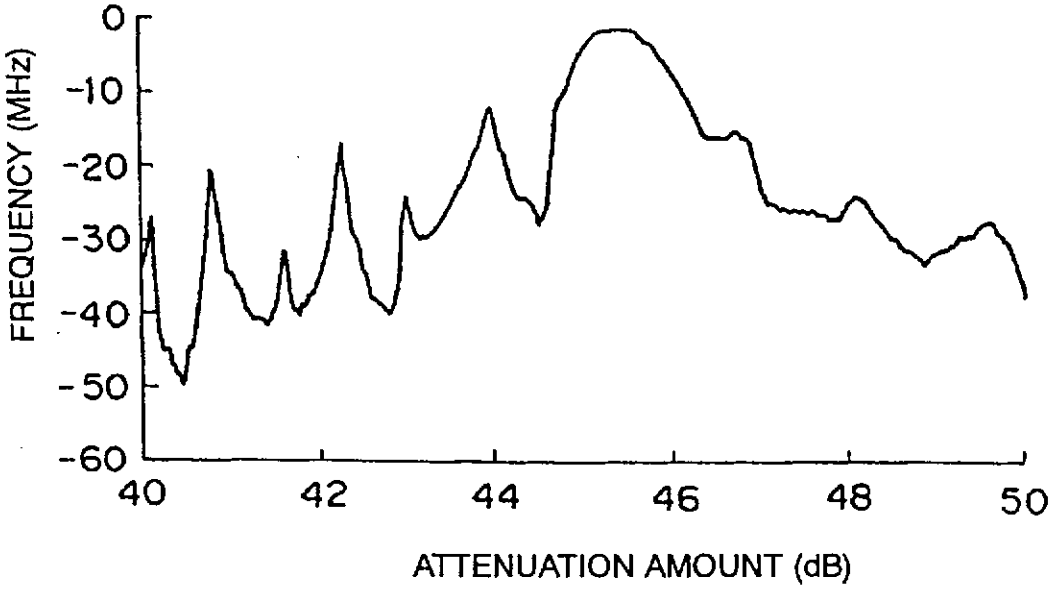

0
-10
-20
-30
-40
-50
-60
FREQUENCY (MHz)
40
42
44
46
48
50
ATTENUATION AMOUNT (dB)

FIG. 13

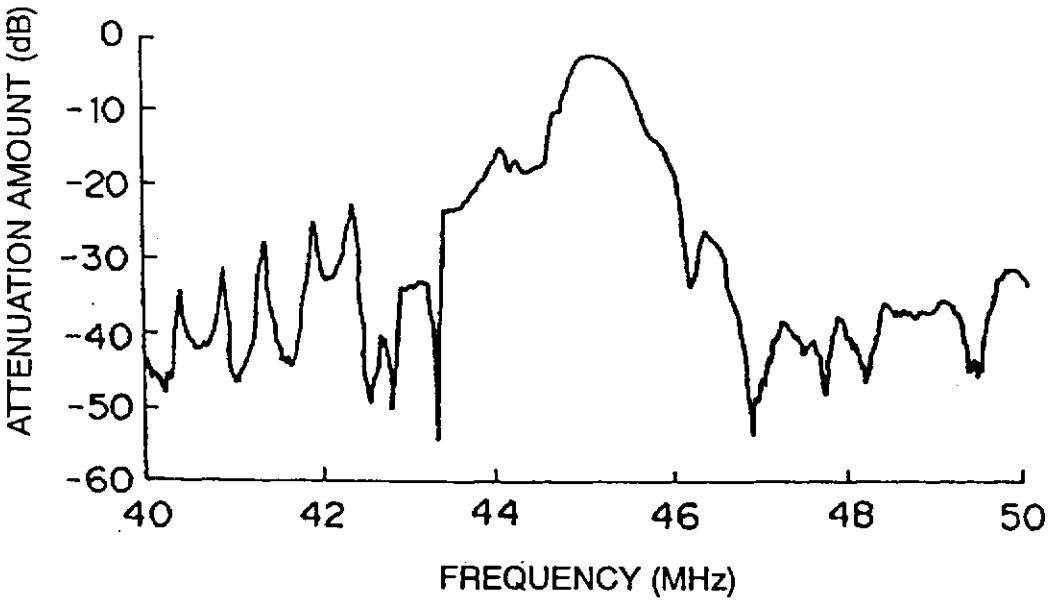

0
-10
-20
-30
-40
-50
-60
ATTENUATION AMOUNT (dB)
40
42
44
46
48
50
FREQUENCY (MHz)

FIG. 14

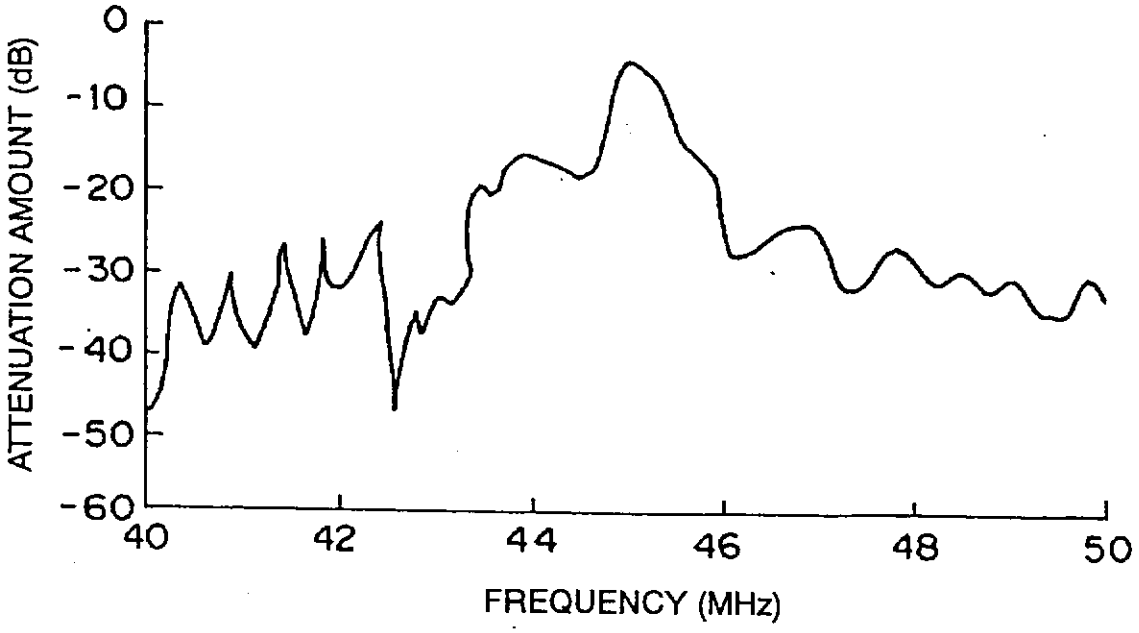

ATTENUATION AMOUNT (dB)
0
-10
-20
-30
-40
-50
-60
40
42
44
46
48
50
FREQUENCY (MHz)

FIG. 15

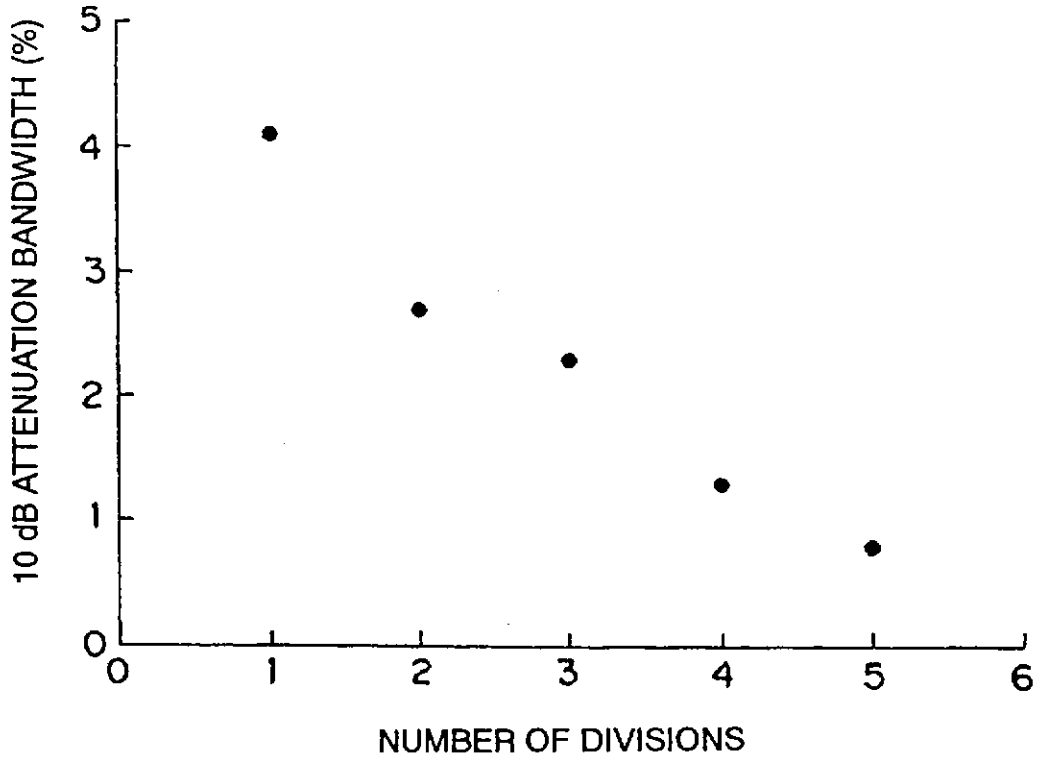

10 dB ATTENUATION BANDWIDTH (%)
5
4
3
2
1
0
0
1
2
3
4
5
6
NUMBER OF DIVISIONS

FIG. 16

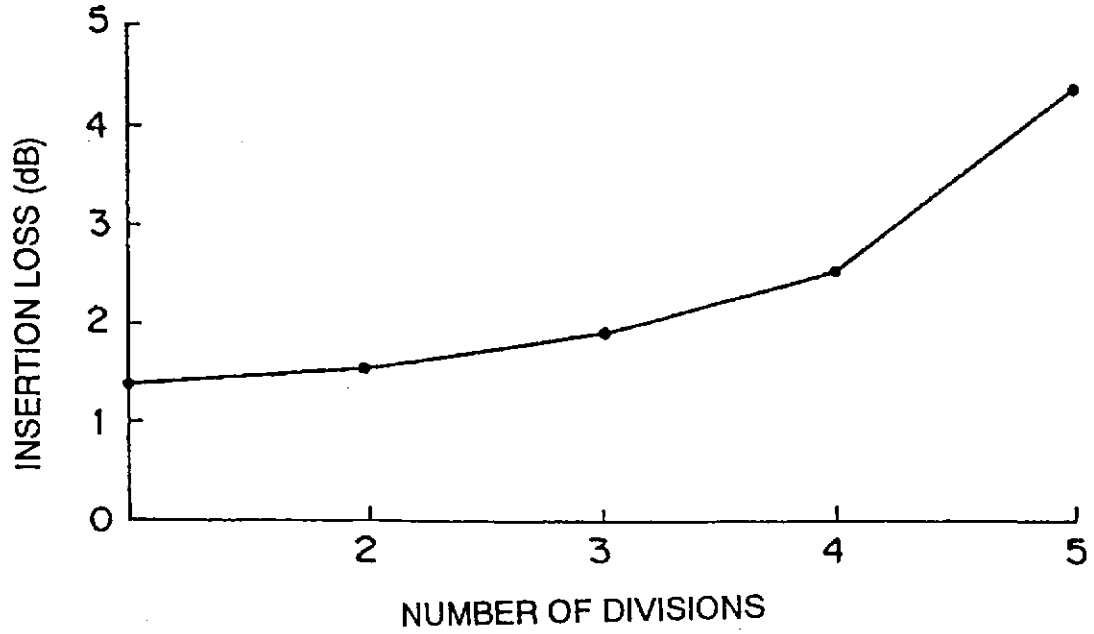

INSERTION LOSS (dB)
0
1
2
3
4
5
2
3
4
5
NUMBER OF DIVISIONS

FIG. 17

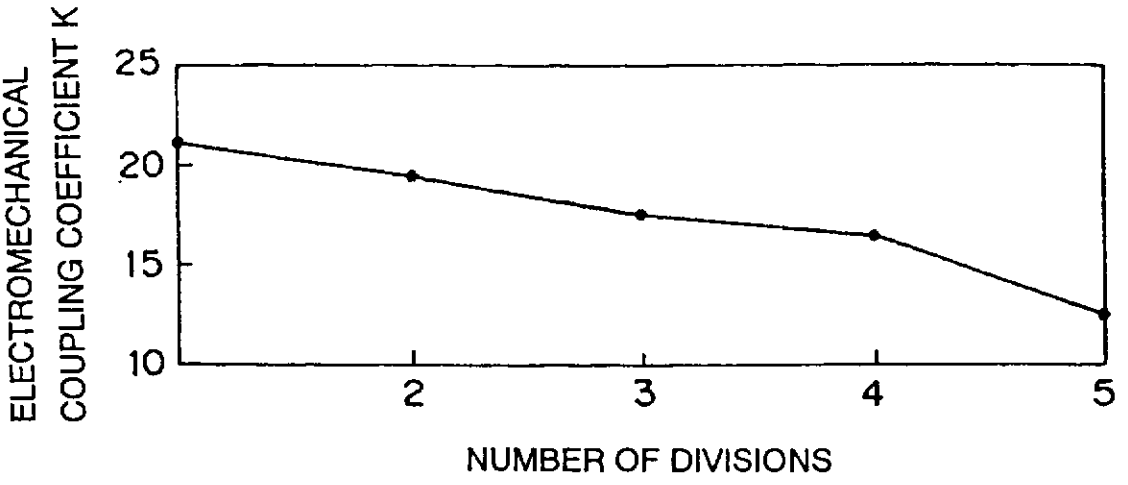

ELECTROMECHANICAL COUPLING COEFFICIENT K
10
15
20
25
2
3
4
5
NUMBER OF DIVISIONS

FIG. 18

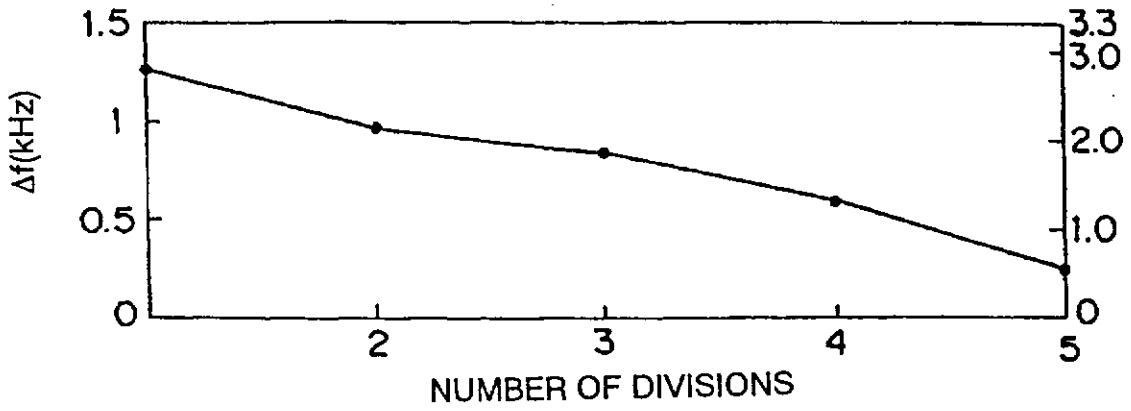


FIG. 19 PRIOR ART

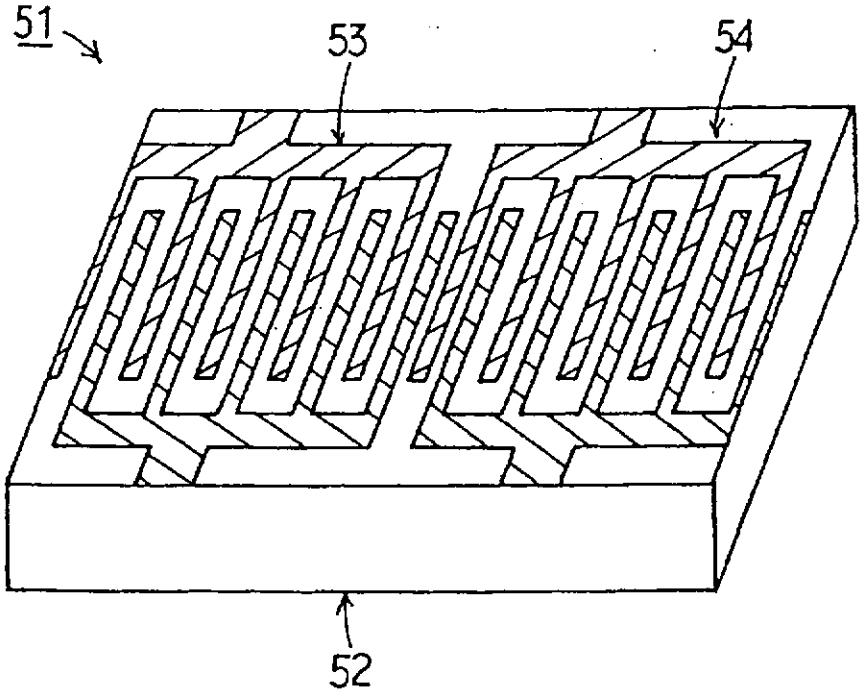


FIG. 20 PRIOR ART

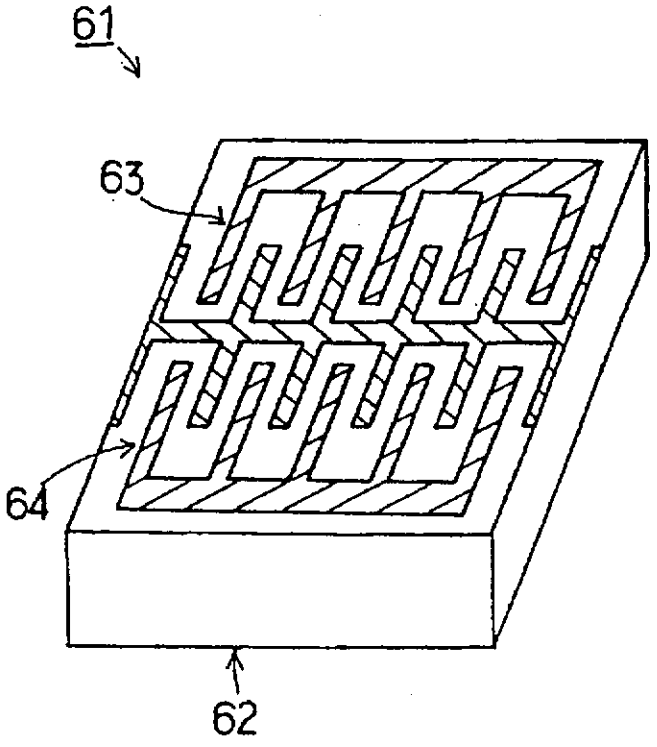


FIG. 21

