

FIG. 1

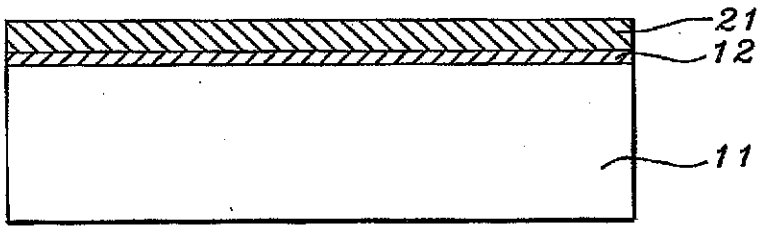


FIG. 2

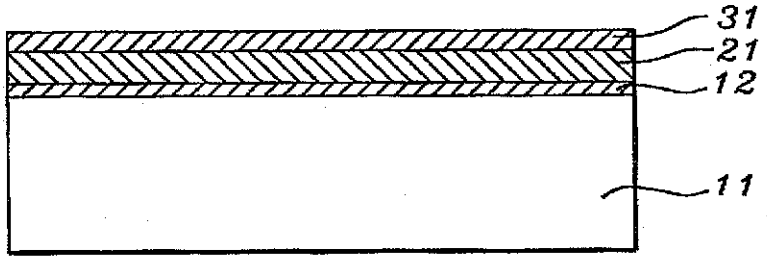


FIG. 3

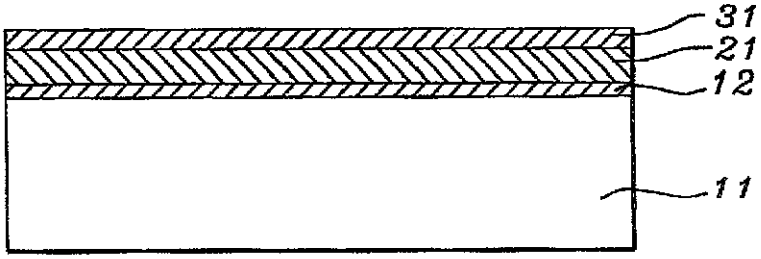


FIG. 4

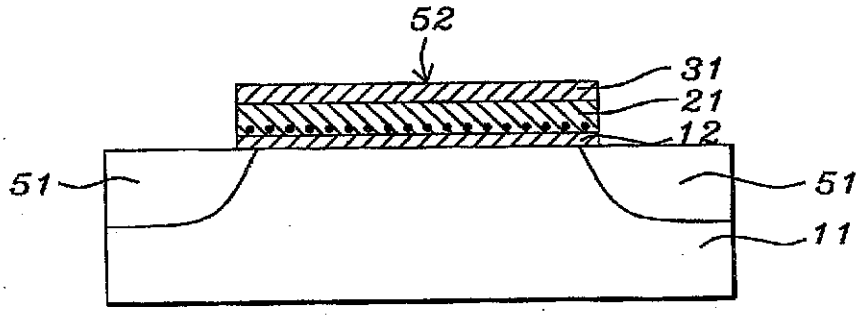

52
31
21
12
51
51
11

FIG. 5

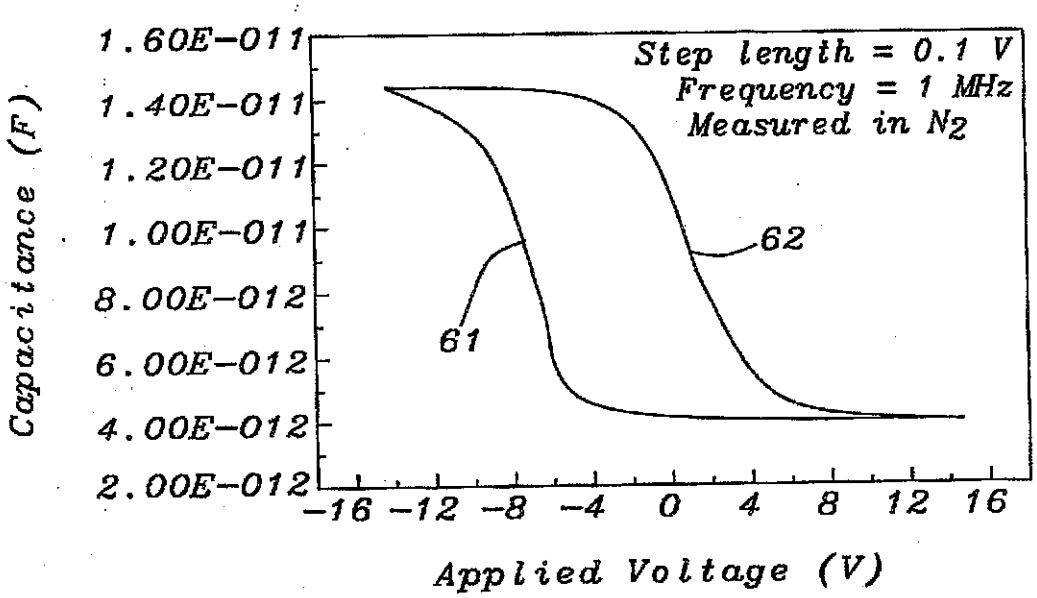

Step length = 0.1 V
Frequency = 1 MHz
Measured in N2
1.60E-011
1.40E-011
1.20E-011
1.00E-011
8.00E-012
6.00E-012
4.00E-012
2.00E-012
Capacitance (F)
62
61
-16 -12 -8 -4 0 4 8 12 16
Applied Voltage (V)

FIG. 6