FIG. 1

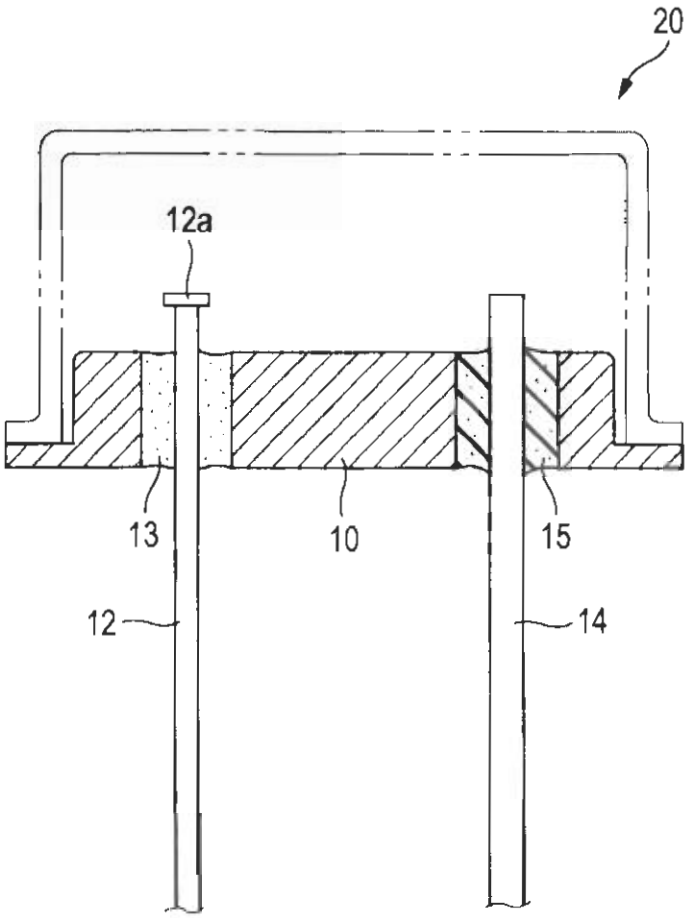


FIG. 2

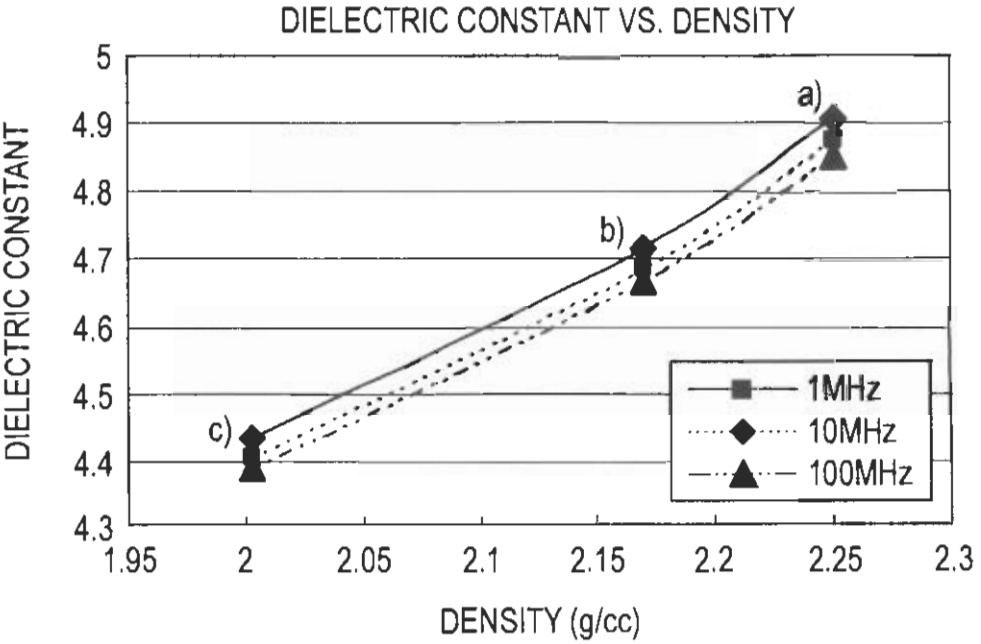

DIELECTRIC CONSTANT VS. DENSITY
DIELECTRIC CONSTANT
5
4.9
4.8
4.7
4.6
4.5
4.4
4.3
1.95
2
2.05
2.1
2.15
2.2
2.25
2.3
DENSITY (g/cc)
a)
b)
c)
1MHz
10MHz
100MHz

FIG. 3

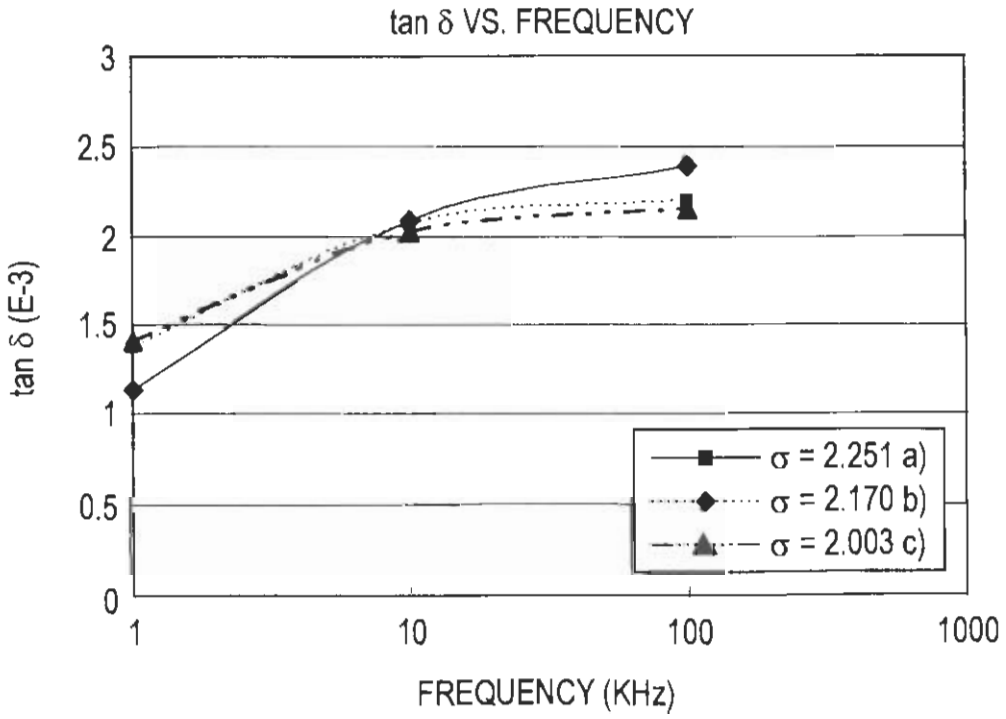

tan δ VS. FREQUENCY
tan δ (E-3)
3
2.5
2
1.5
1
0.5
0
1
10
100
1000
FREQUENCY (KHz)
σ = 2.251 a)
σ = 2.170 b)
σ = 2.003 c)

FIG. 4

