

[Legend of drawings]

Fig. 1

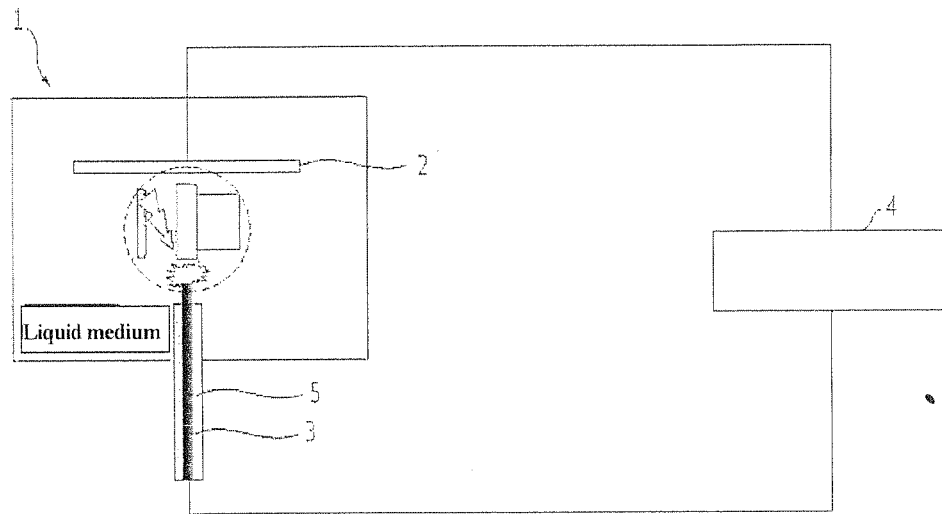


Fig. 2

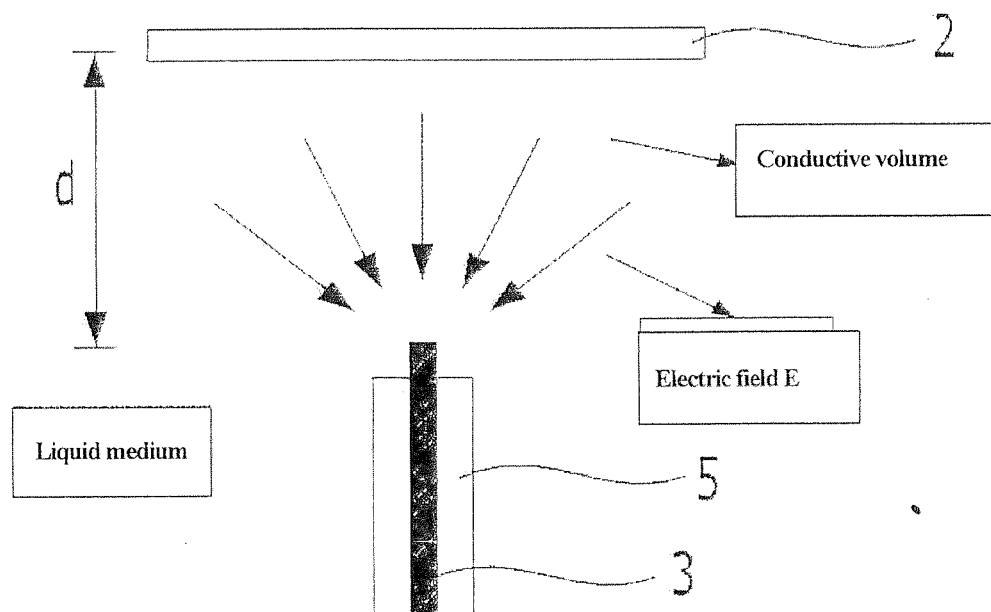


Fig. 3

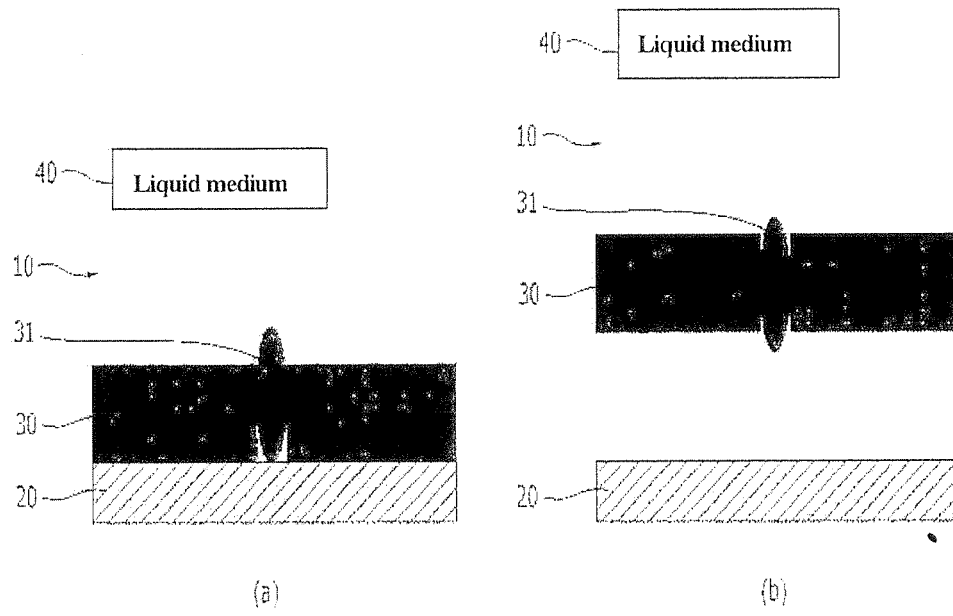


Fig. 4

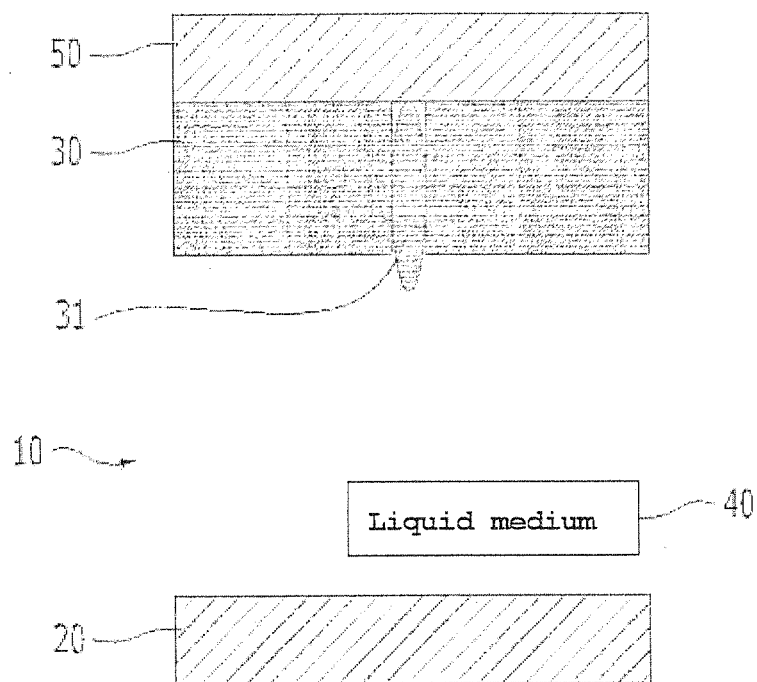


Fig. 5

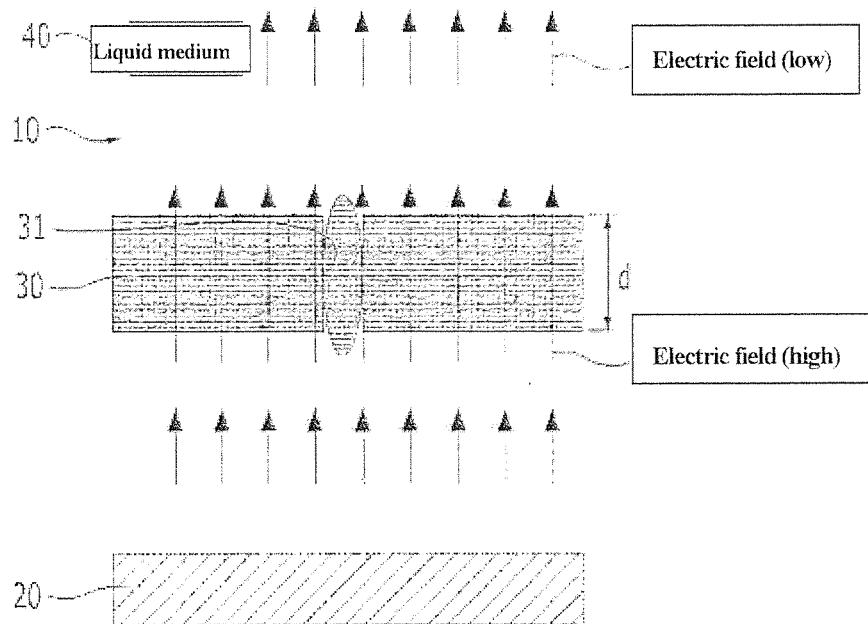
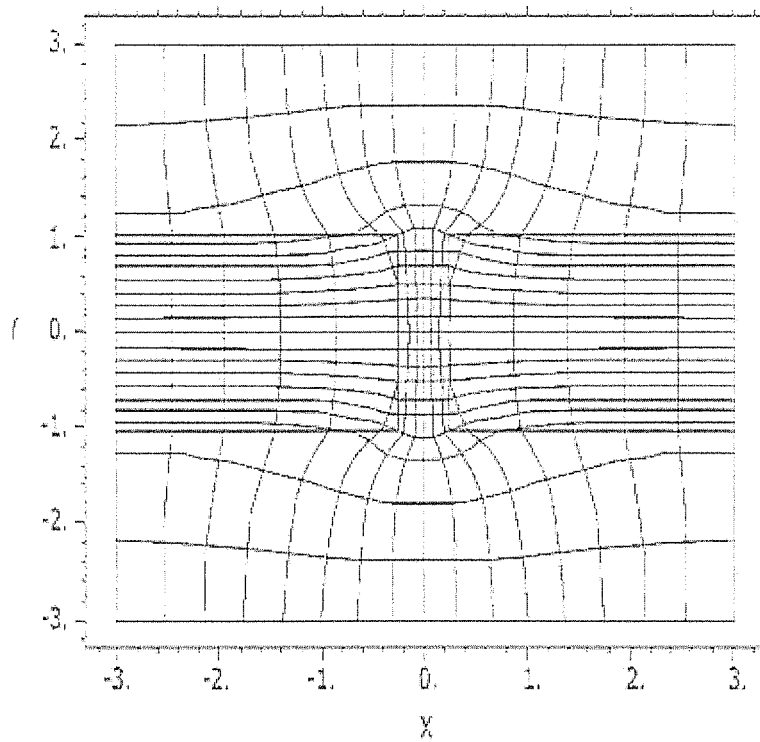


Fig. 6

Potential and Field Lines
Electrostatic Potential and Electric Field



fieldmap_Dielectric_Cave_2Room: Grid#1 P2 Nodes=939 Cells=450 RMS En=6.4e-4
Integral=1800.083

Fig. 7

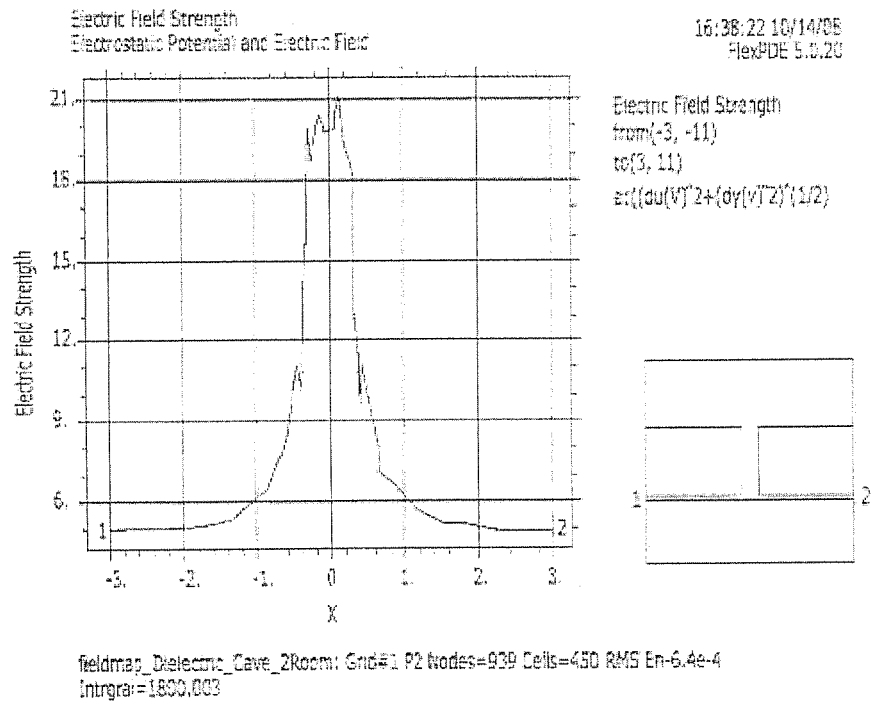


Fig. 8

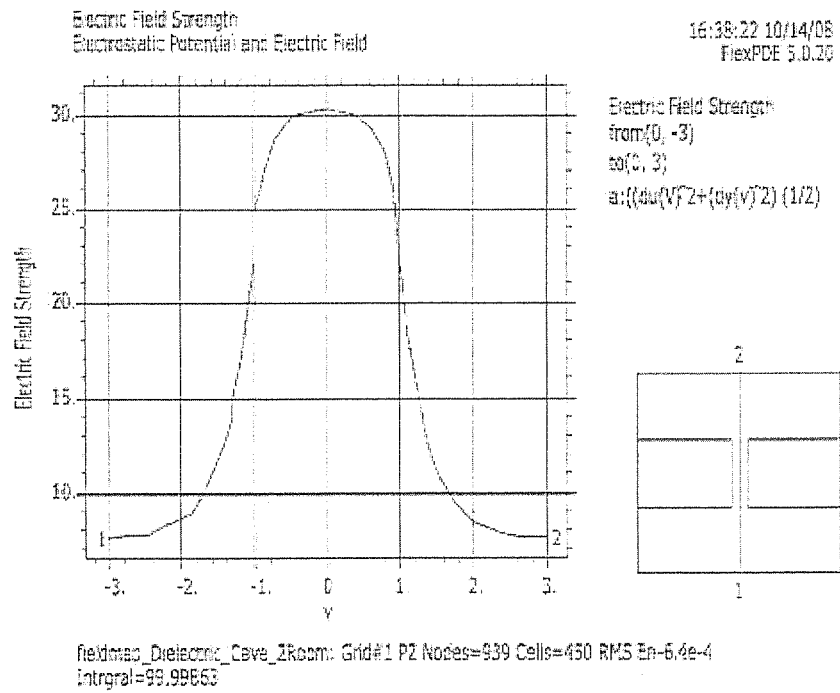
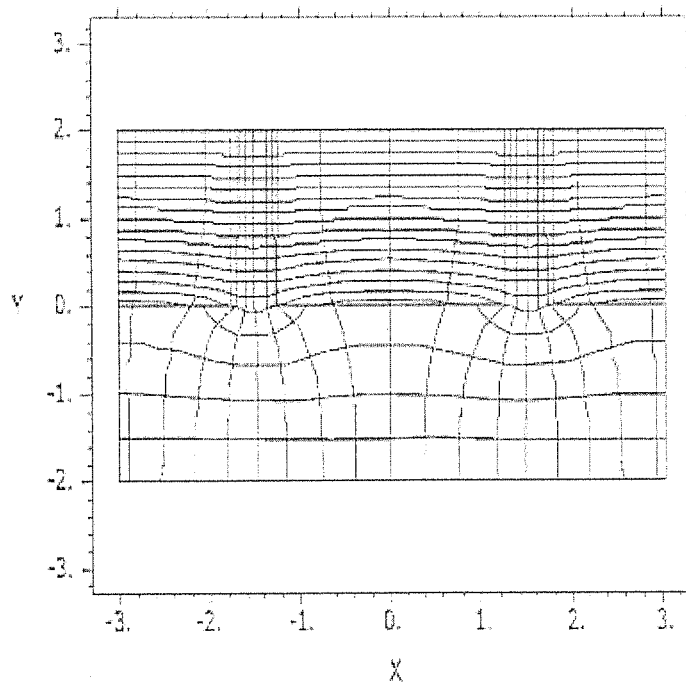


Fig. 9

Potential and Field Lines
Electrostatic Potential and Electric Field



fieldmap_Dielectric_Cave: Grid# 1 P2 Nodes=654 Cells=309 RMS En=0.0013
Integral=856.1232

Fig. 10

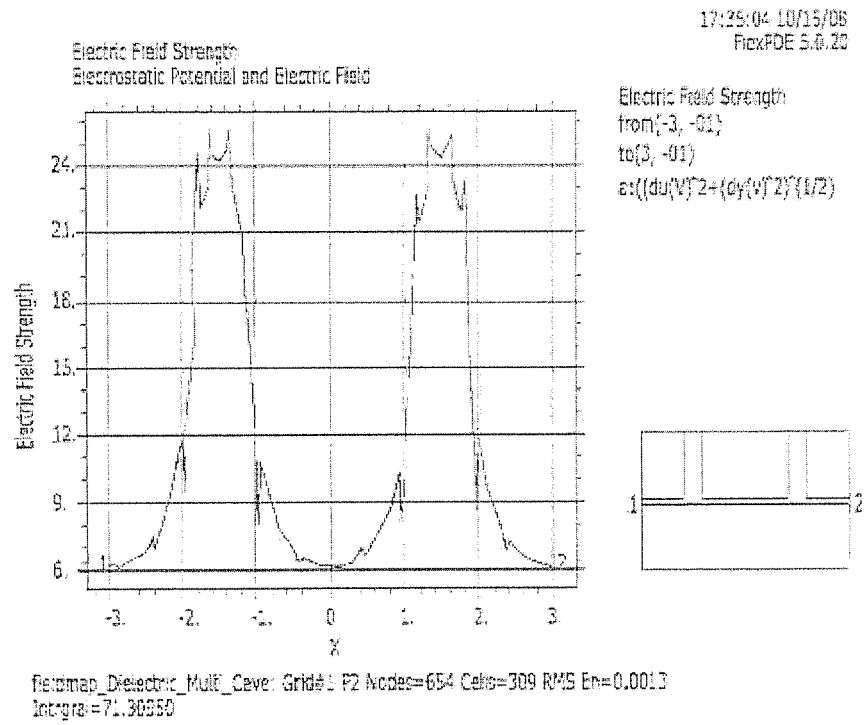


Fig. 11

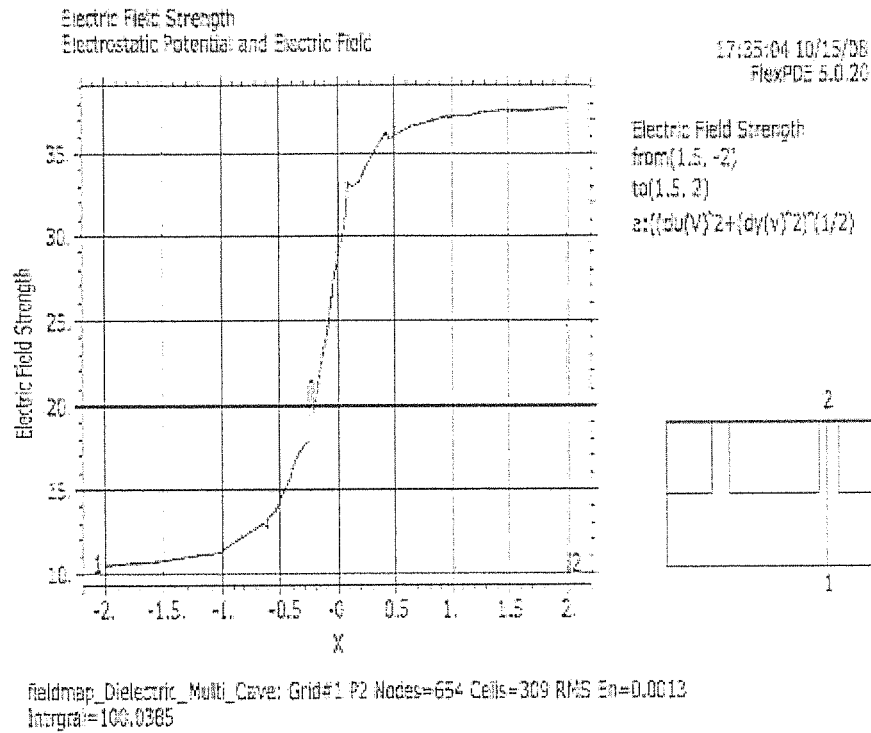


Fig. 12

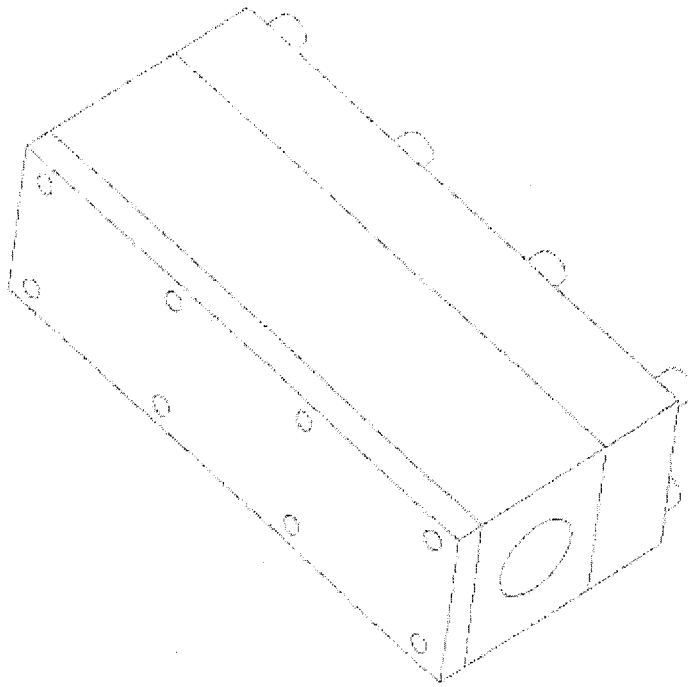


Fig. 13

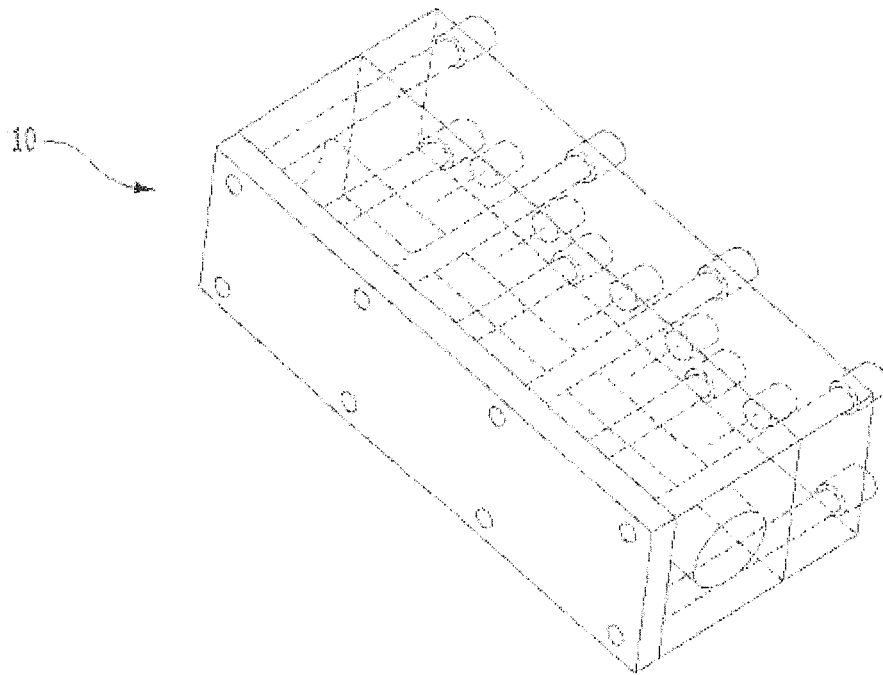


Fig. 14

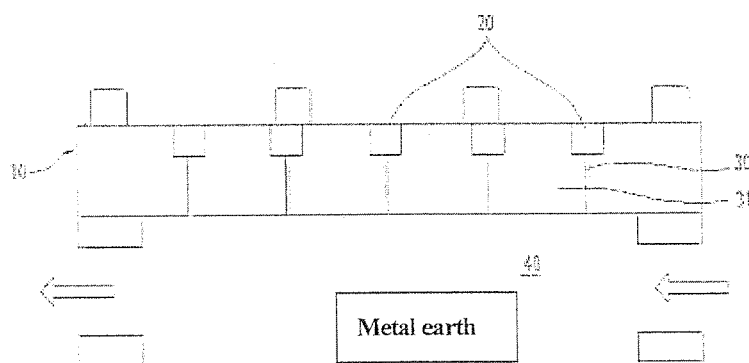


Fig. 15

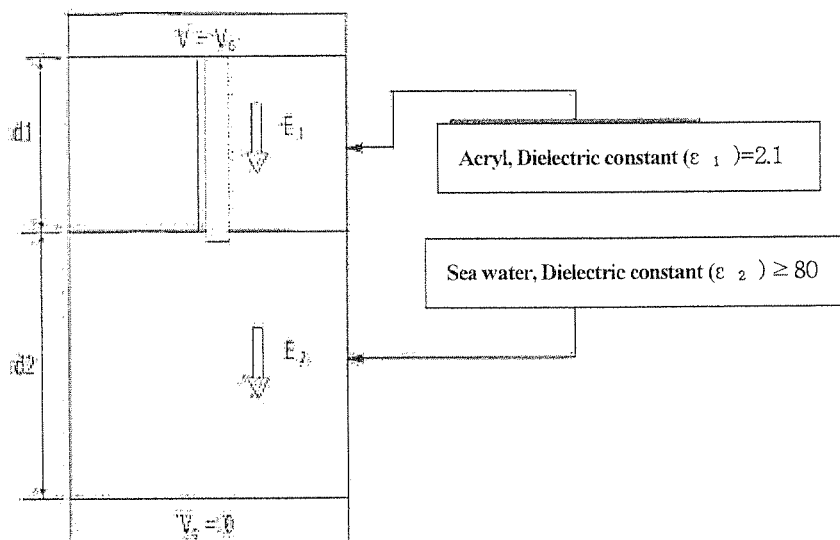


Fig. 16

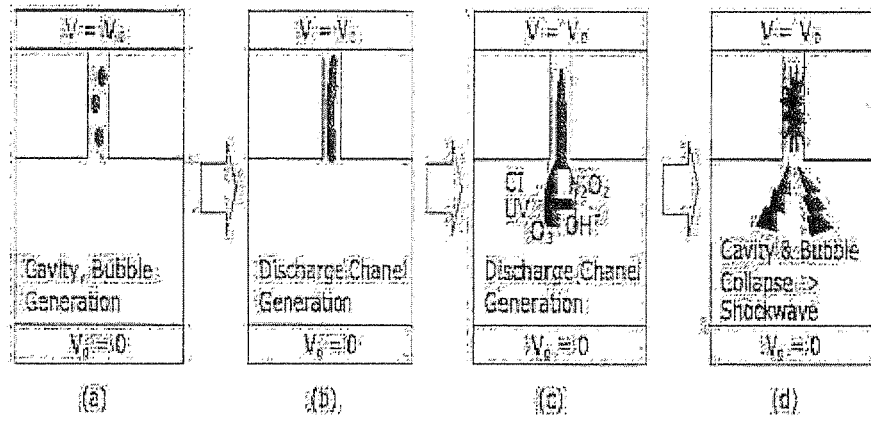


Fig. 17

Moving velocity of ions (Water, 25°C)	
Ion	u ($\text{m}^2 \text{s}^{-1} \text{V}^{-1}$)
Cations	
H^+	36.23×10^{-6}
Na^+	5.19×10^{-6}
K^+	7.62×10^{-6}
Zn^{2+}	5.47×10^{-6}
Anions	
OH^-	20.64×10^{-6}
Cl^-	7.91×10^{-6}
Br^-	8.09×10^{-6}
SO_4^{2-}	8.29×10^{-6}