

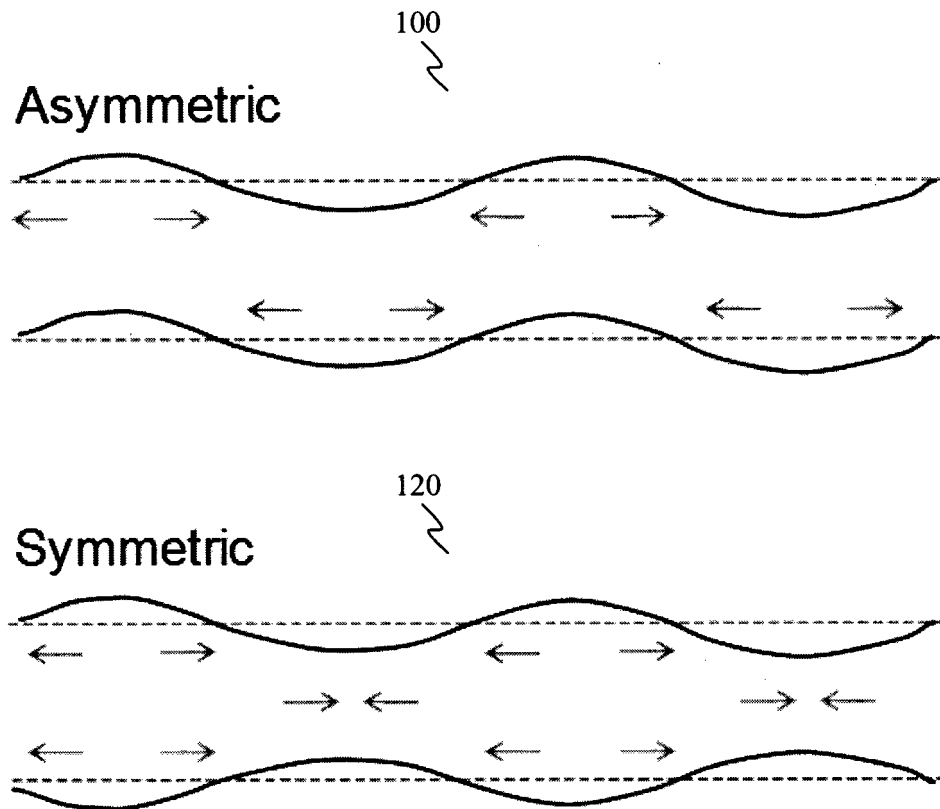


FIG. 1

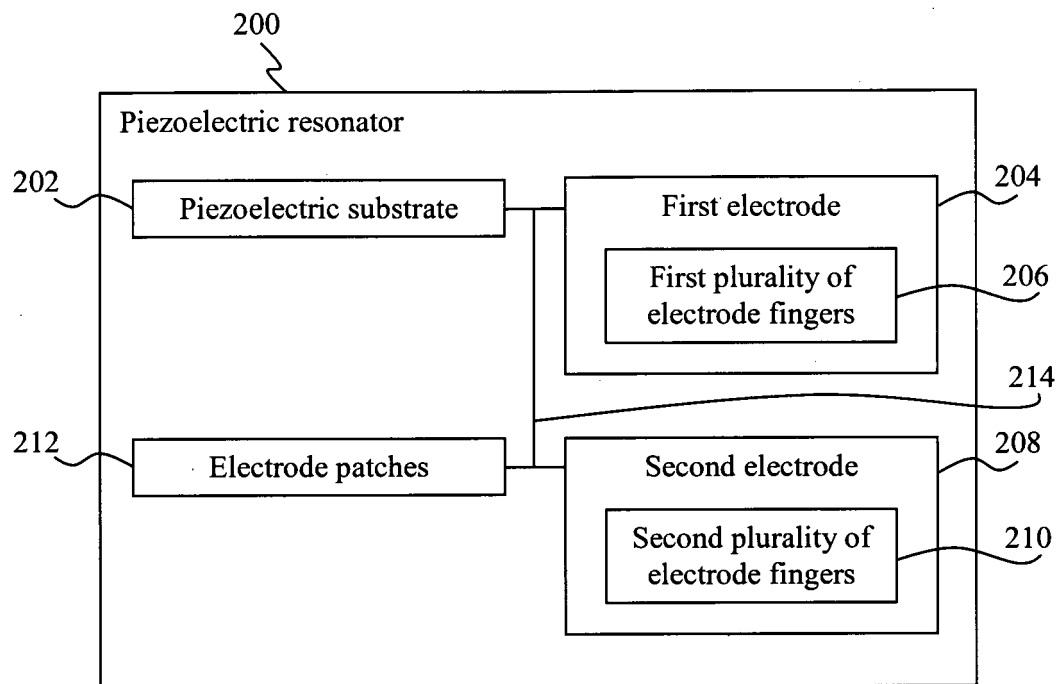


FIG. 2A

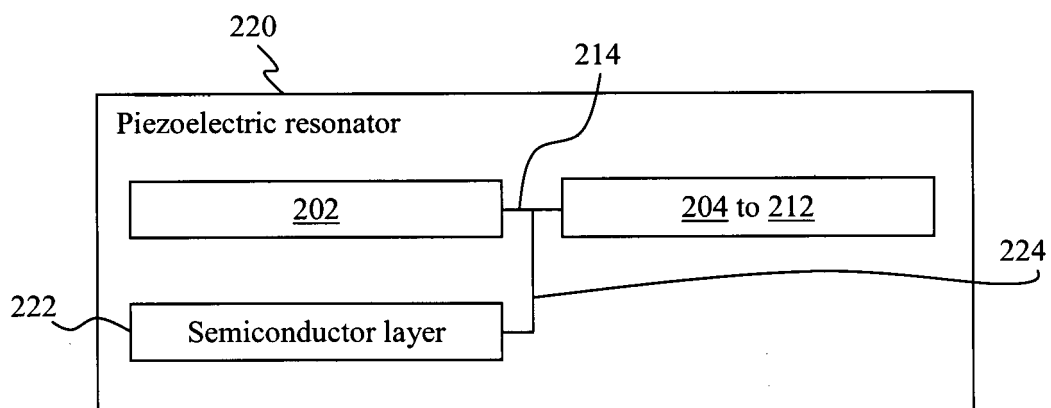


FIG. 2B

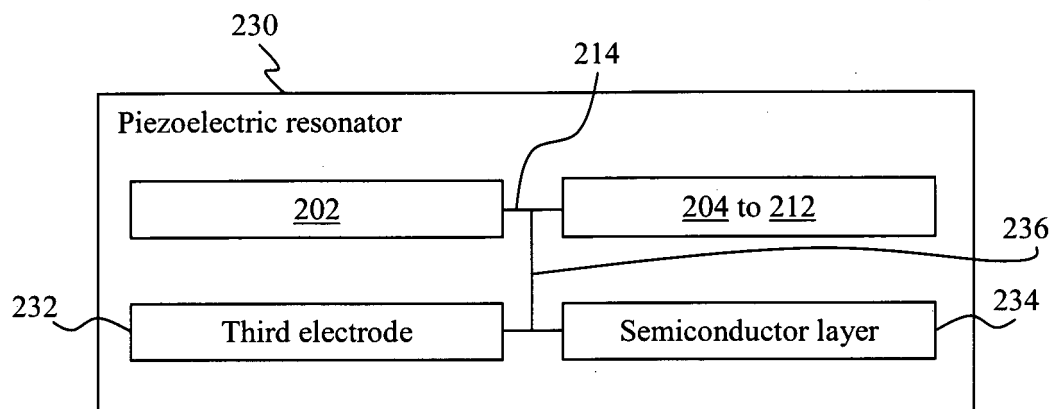


FIG. 2C

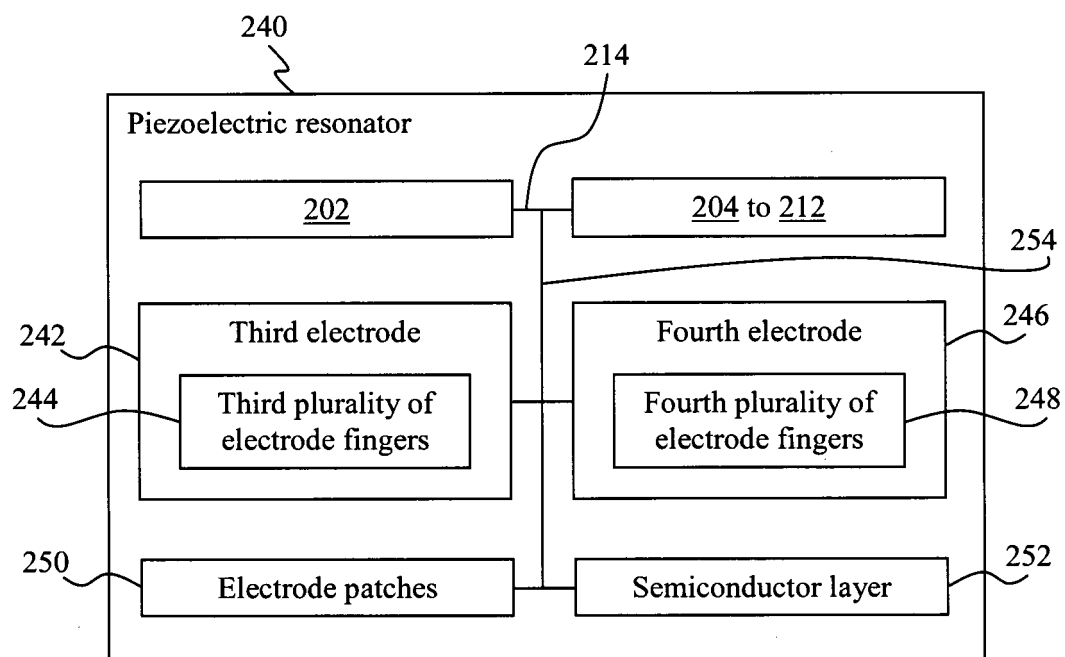


FIG. 2D

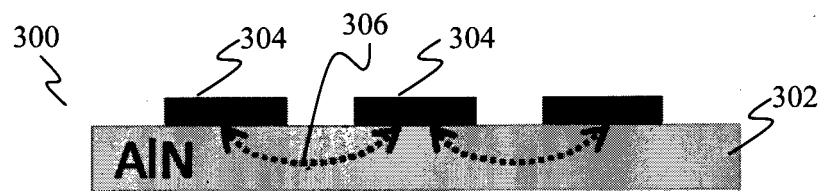


FIG. 3A

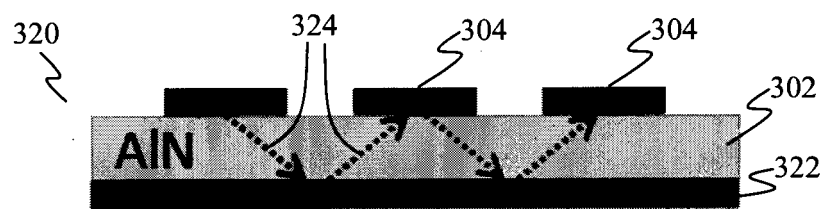


FIG. 3B

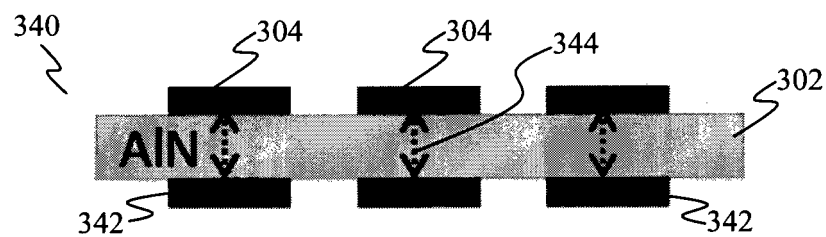


FIG. 3C

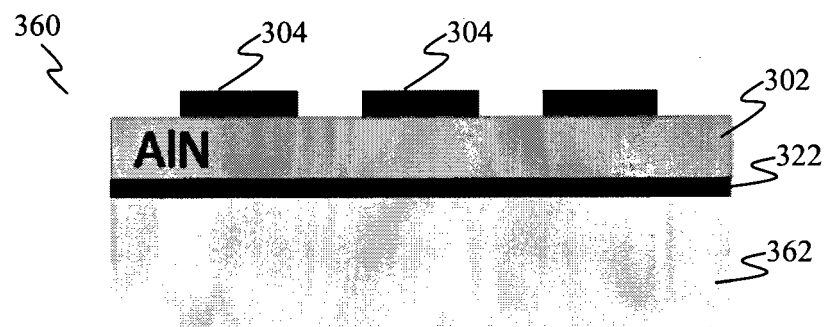


FIG. 3D

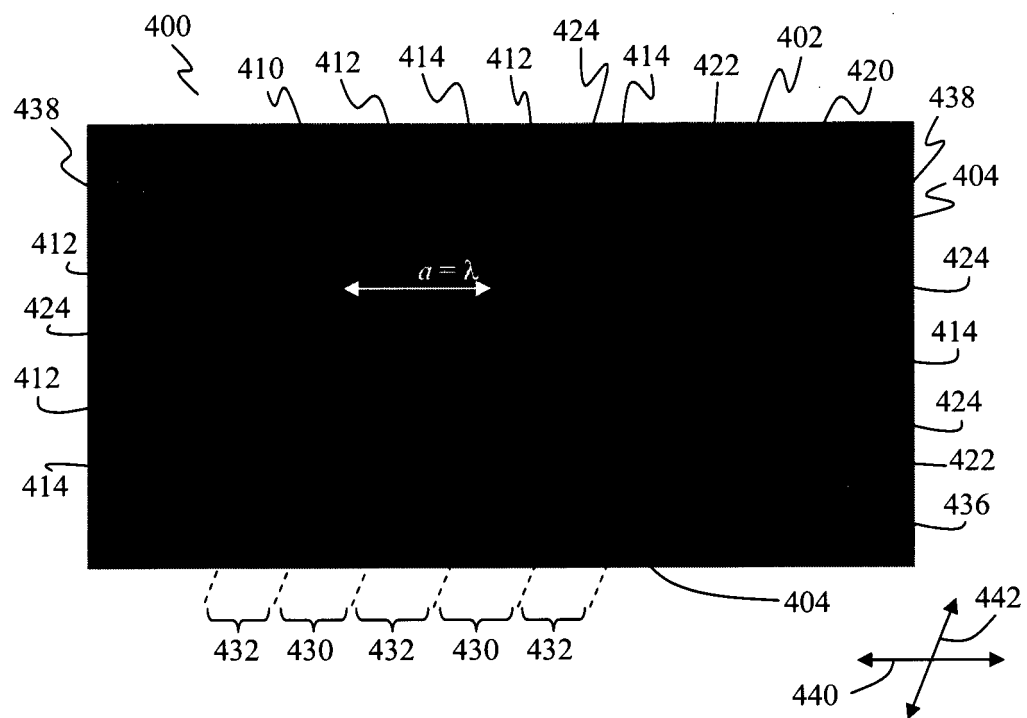


FIG. 4A

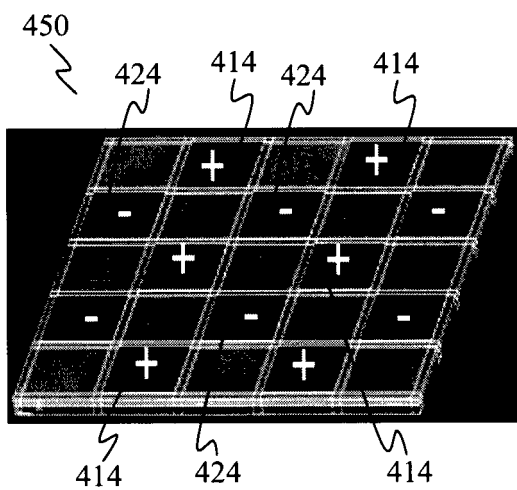


FIG. 4B

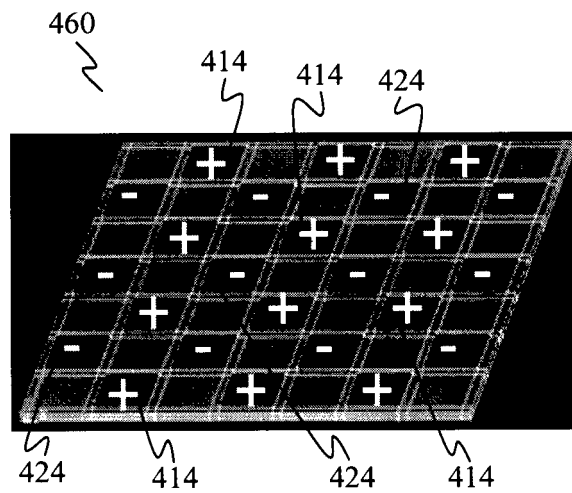


FIG. 4C

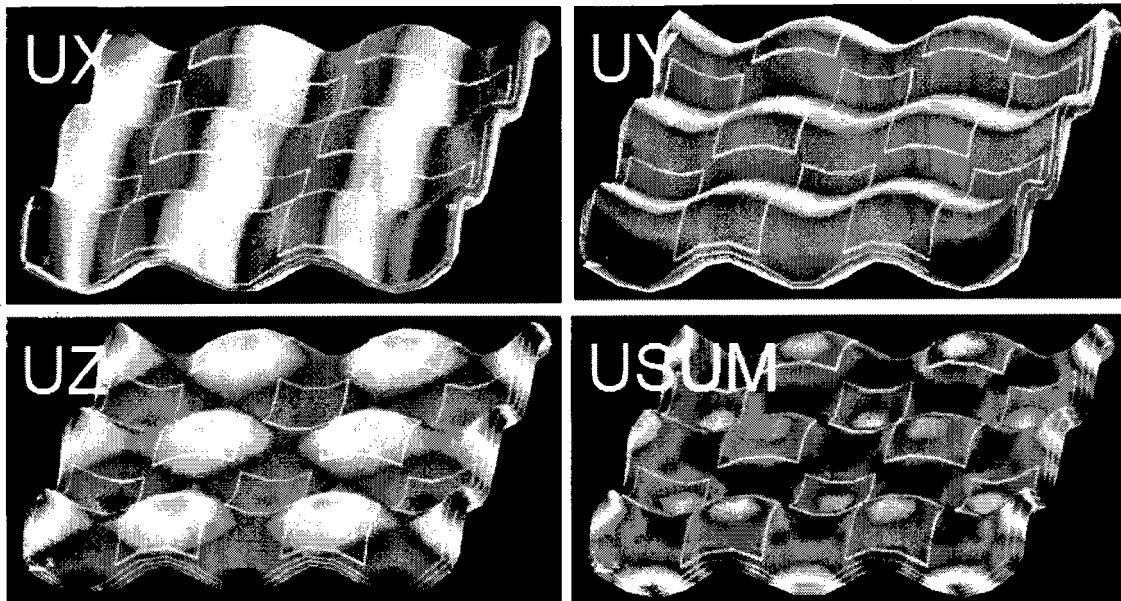


FIG. 5A

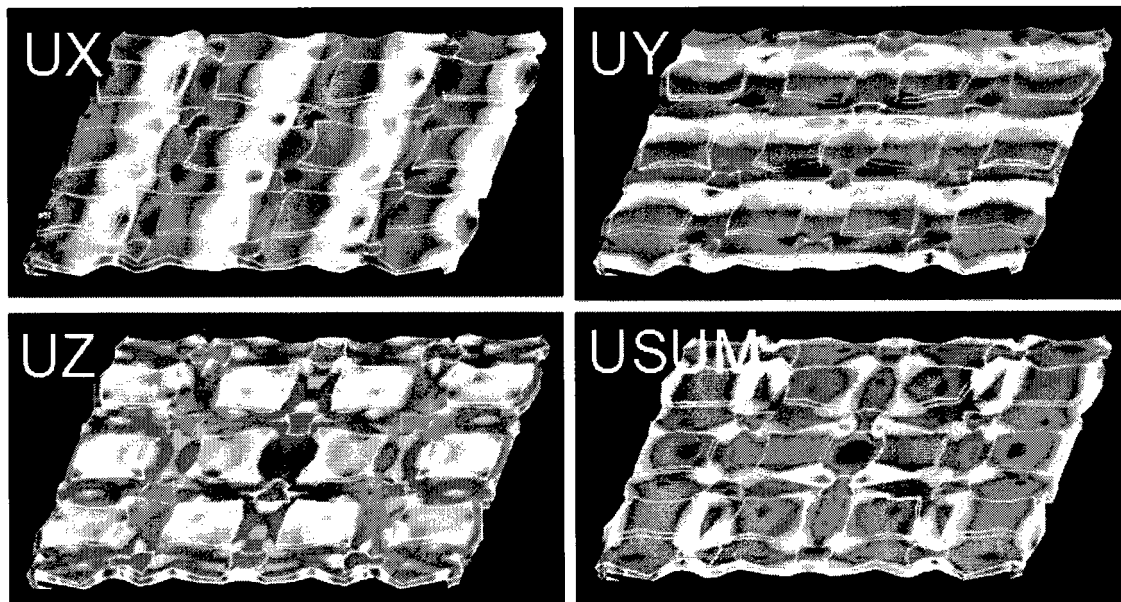


FIG. 5B

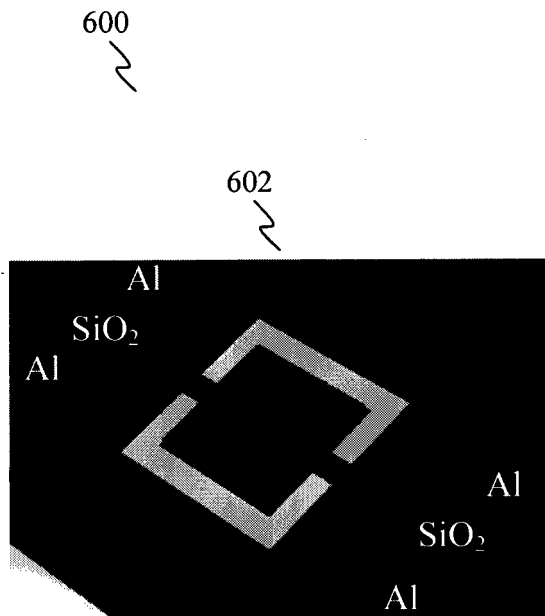


FIG. 6A

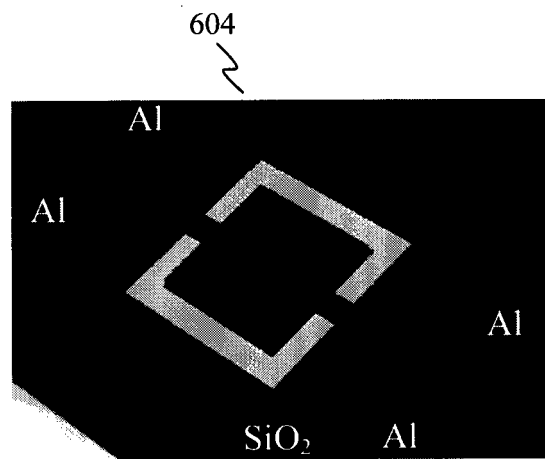


FIG. 6C

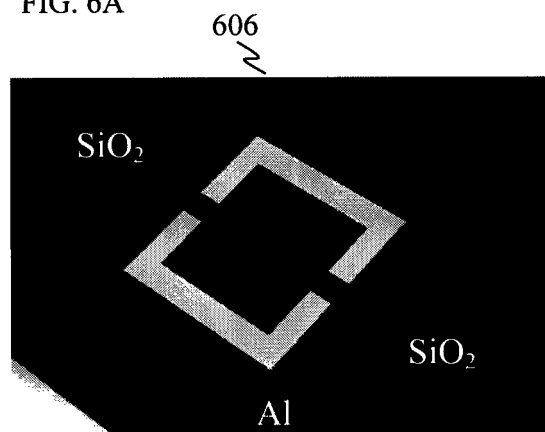


FIG. 6B

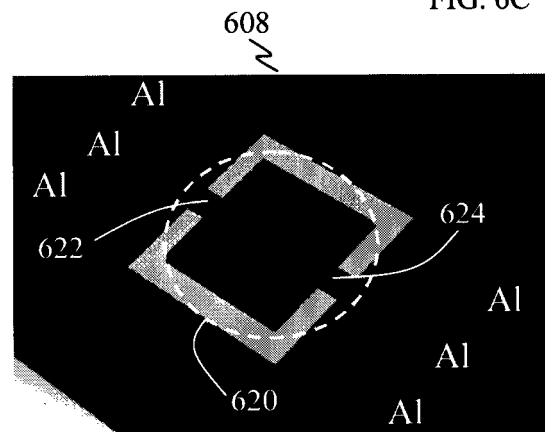


FIG. 6D

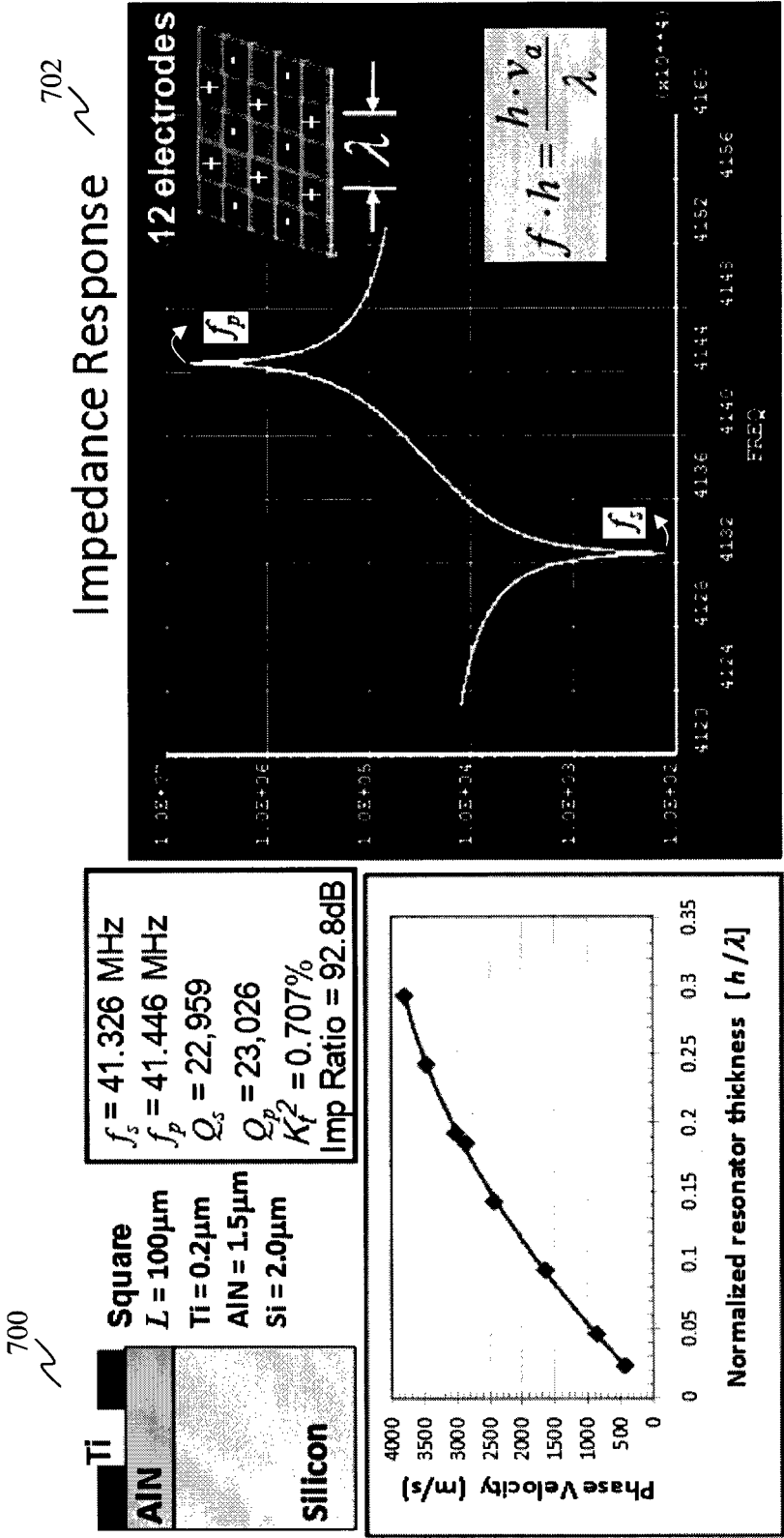
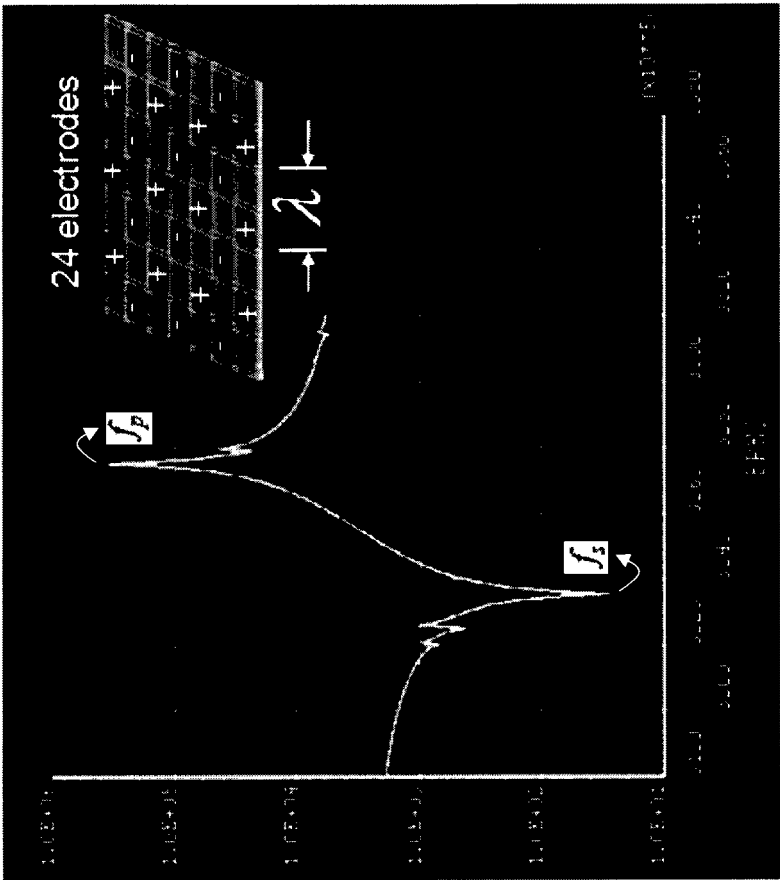


FIG. 7

Impedance Response 800



Square	$f_i = 323.57 \text{ MHz}$
$L = W = 100 \text{ }\mu\text{m}$	$f_p = 327.52 \text{ MHz}$
$AI = 0.3 \text{ }\mu\text{m}$	$Q_s = 3,082$
$AIN = 1.5 \text{ }\mu\text{m}$	$Q_p = 3,119$
$AI = 0.4 \text{ }\mu\text{m}$	$K_f^2 = 2.94 \%$
$AIN \text{ Damp } B = 1.13\text{E-}13$	$\text{Imp Ratio} = 81.7\text{dB}$

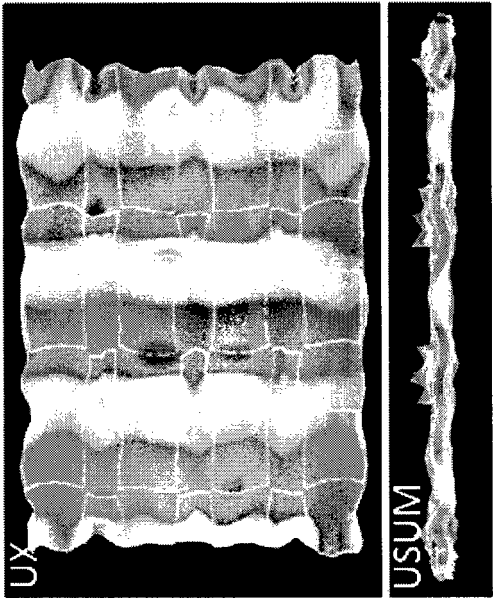


FIG. 8

802

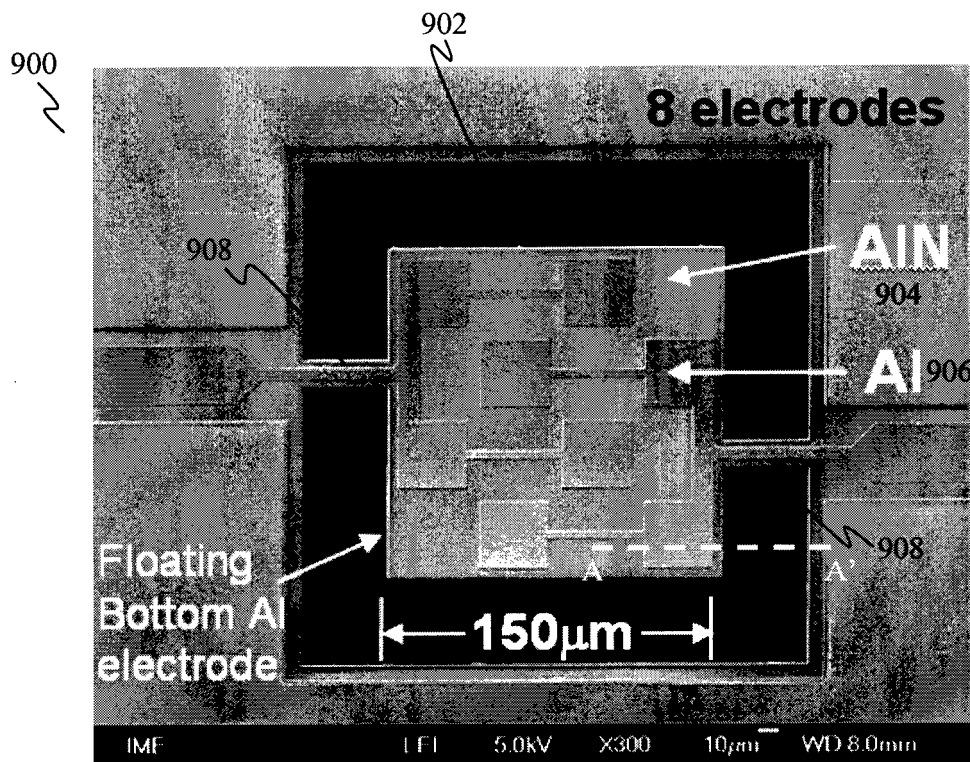
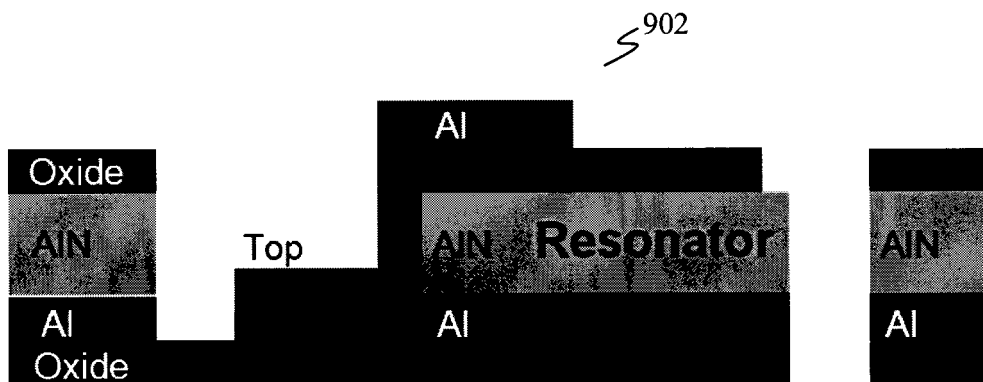


FIG. 9A



Silicon 910

FIG. 9B

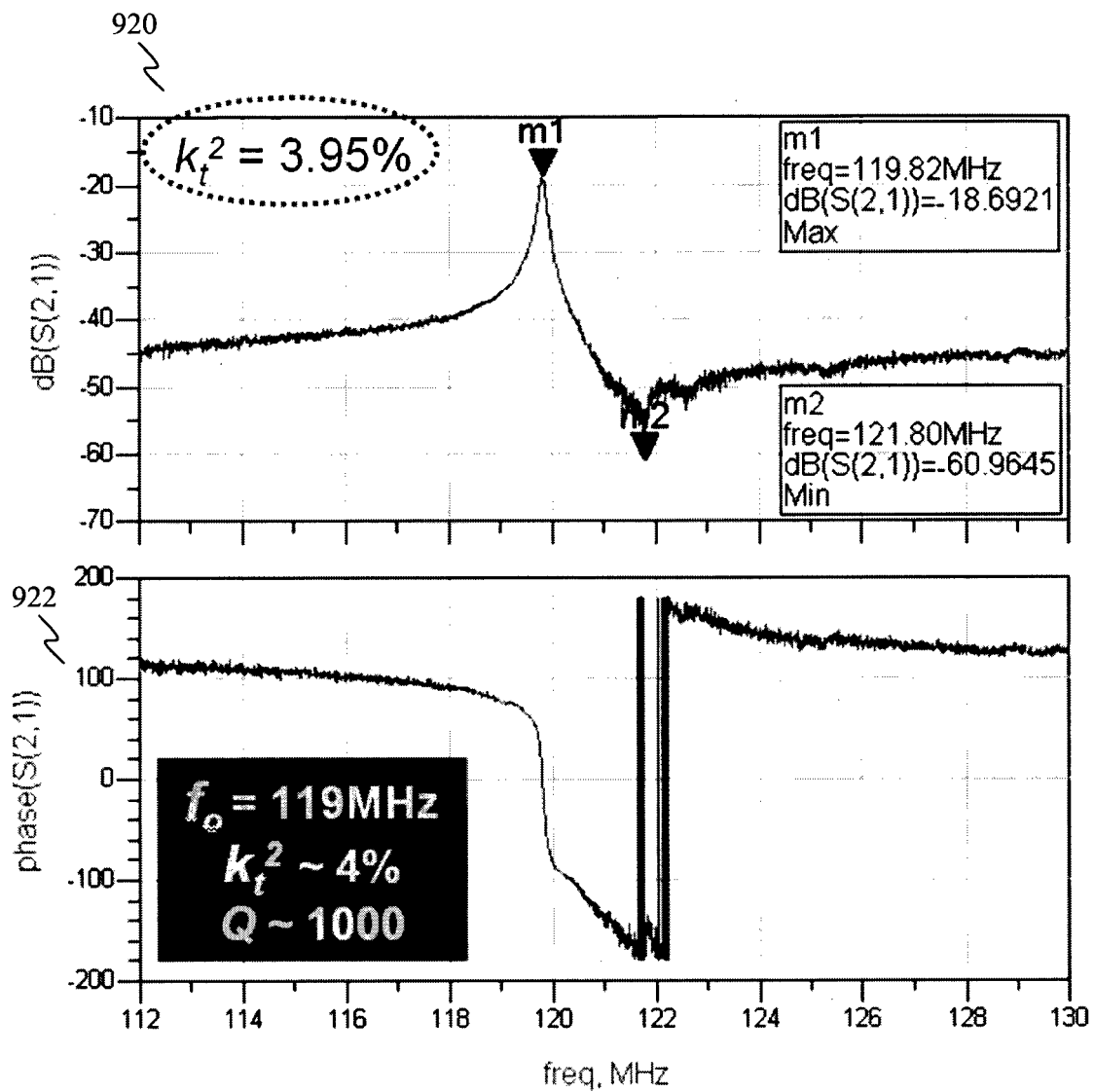


FIG. 9C

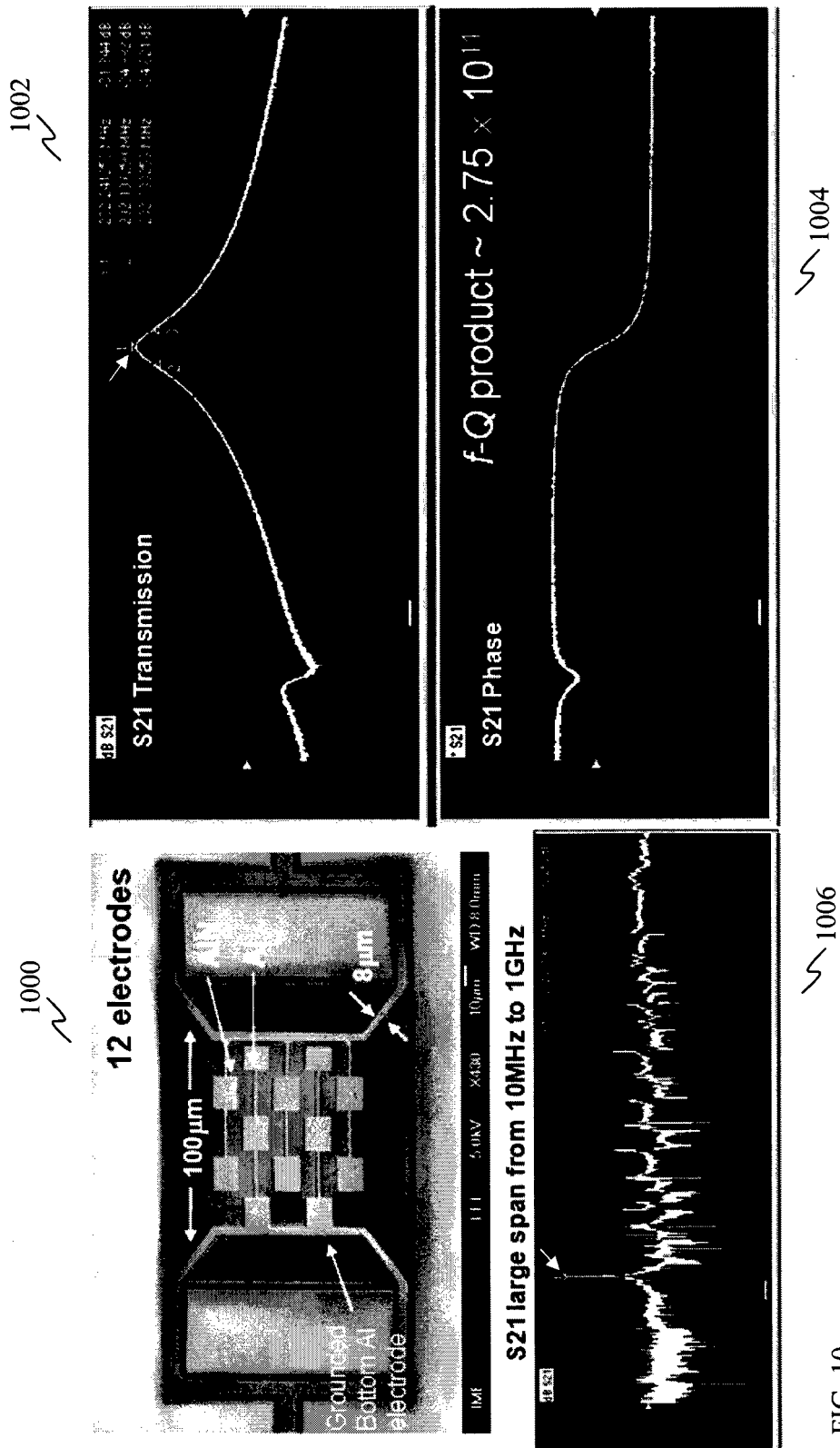


FIG. 10