FIG. 1

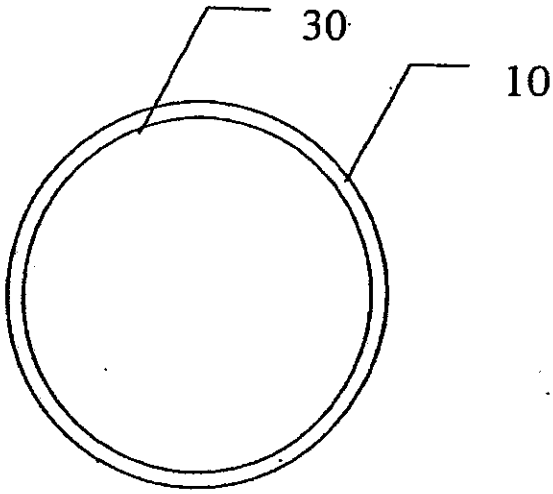


FIG. 2

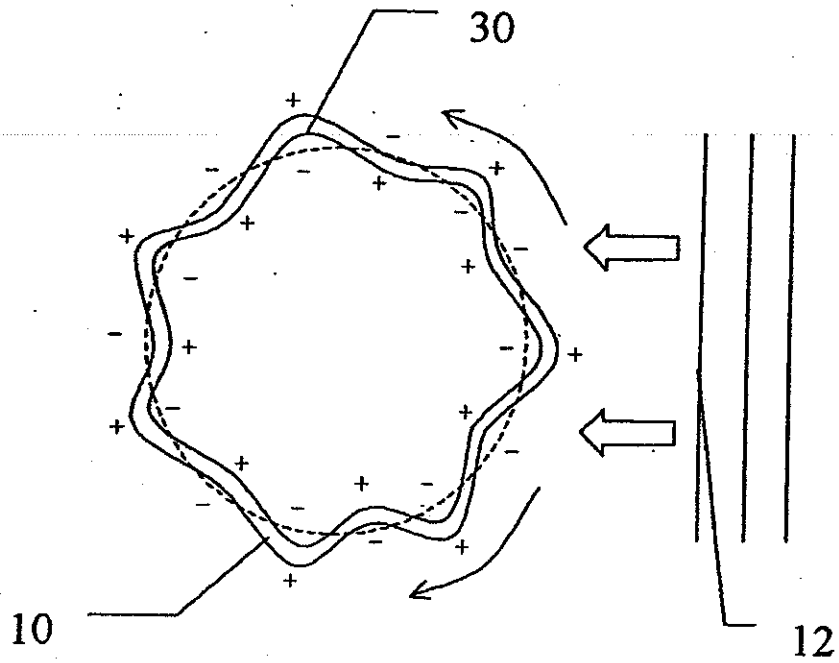


FIG. 3

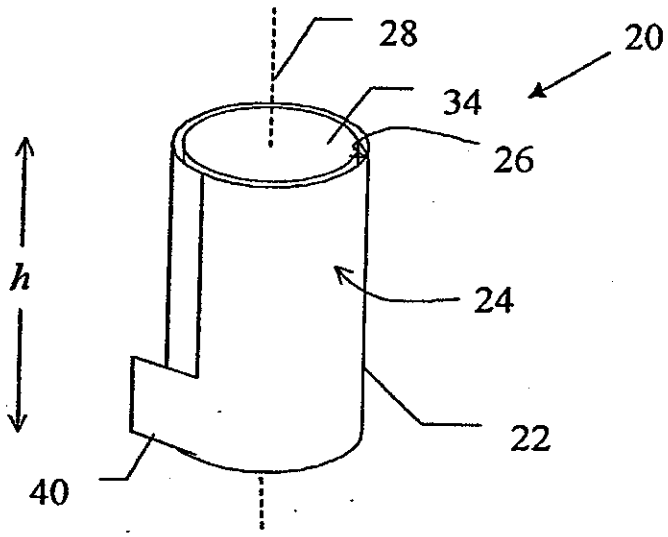


FIG. 4A

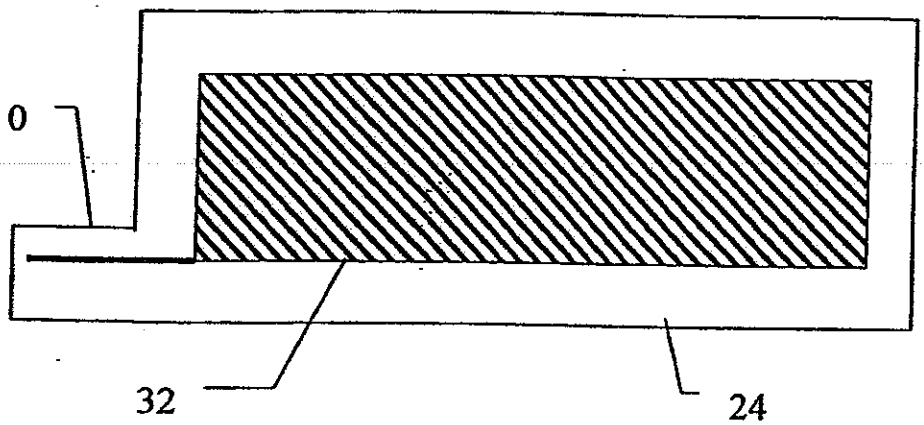


FIG. 4B

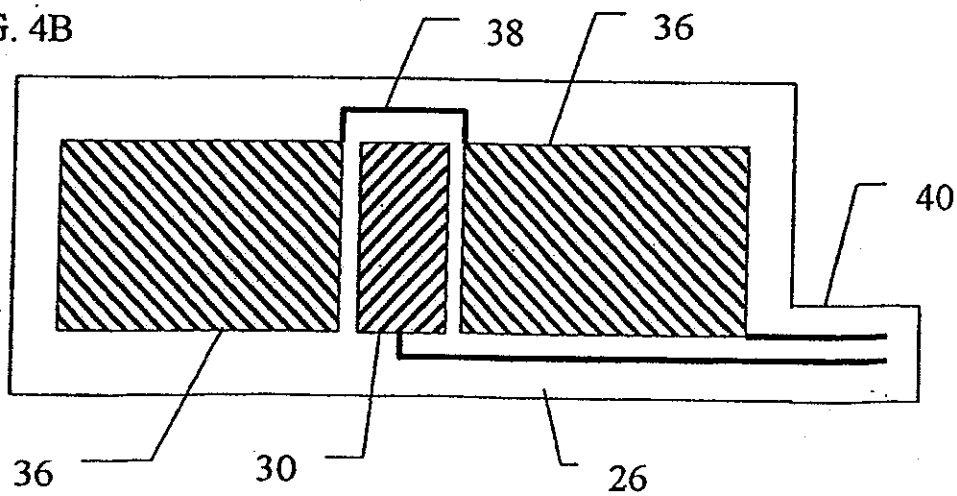


FIG. 4C

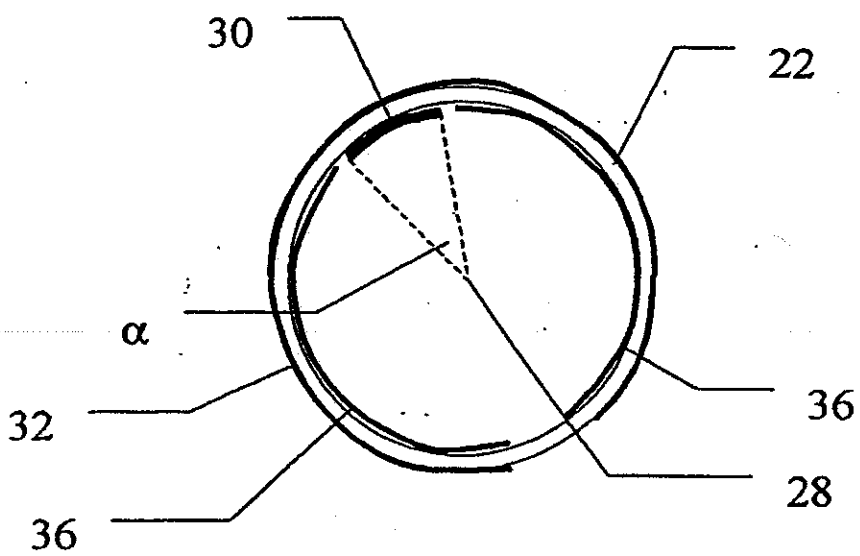


FIG. 5

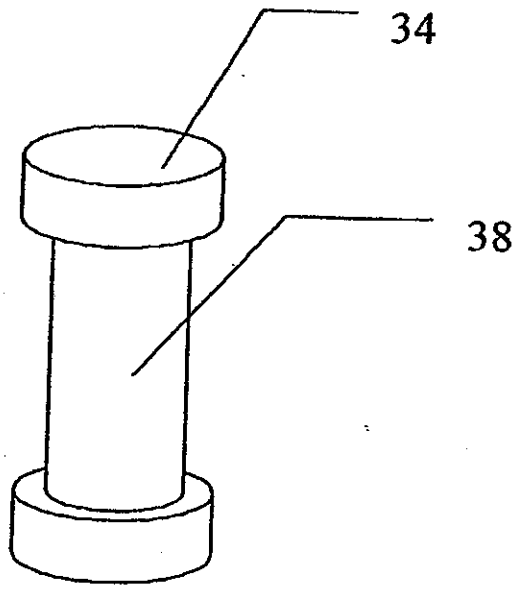
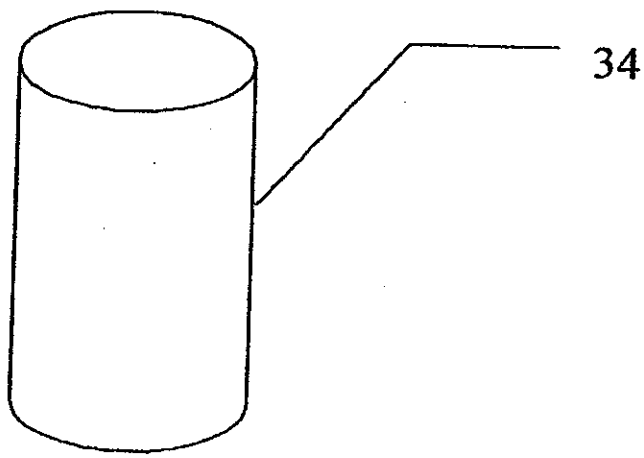


FIG. 6



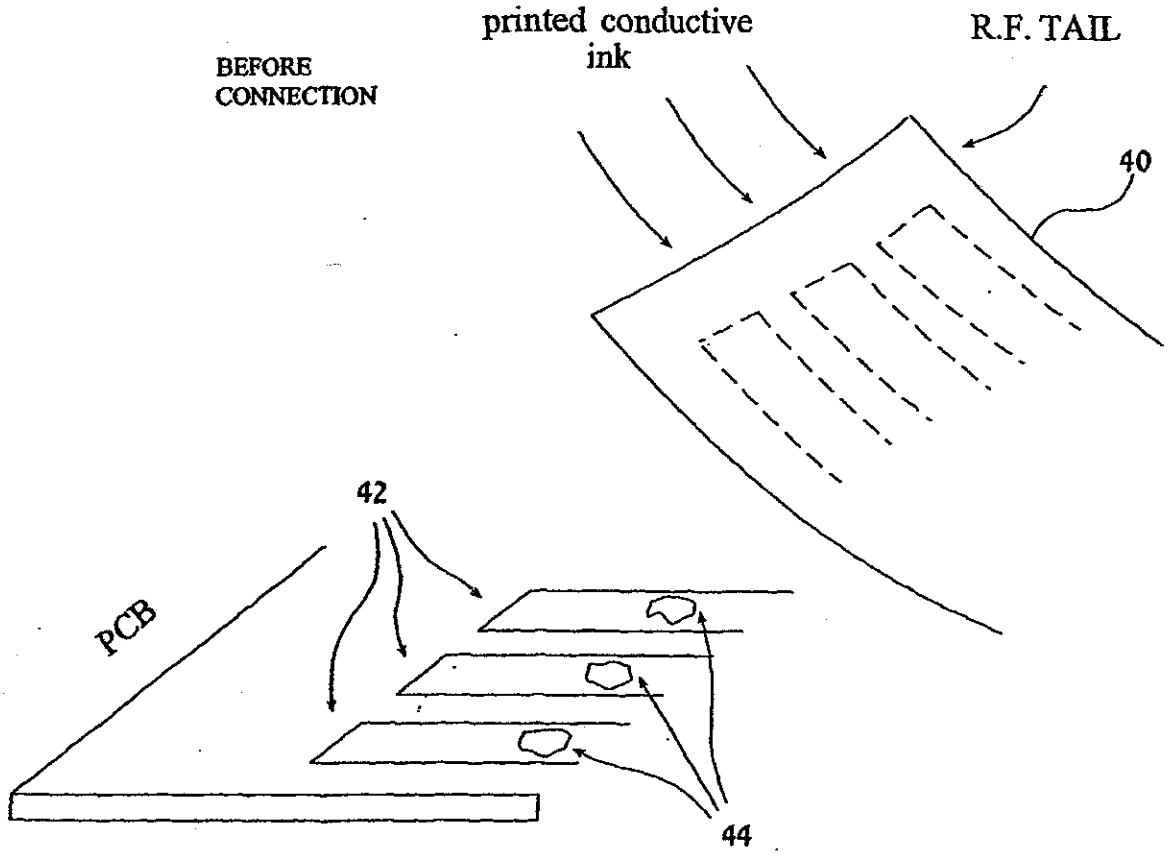

printed conductive ink
R.F. TAIL
BEFORE CONNECTION
40
42
PCB
44

FIG.7B

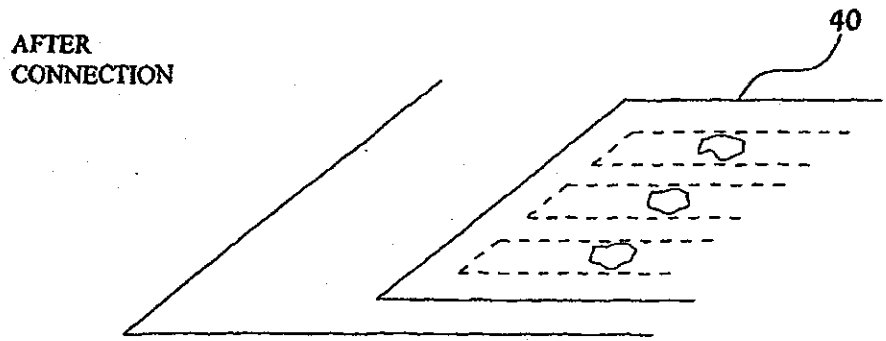

AFTER CONNECTION
40

FIG.7B

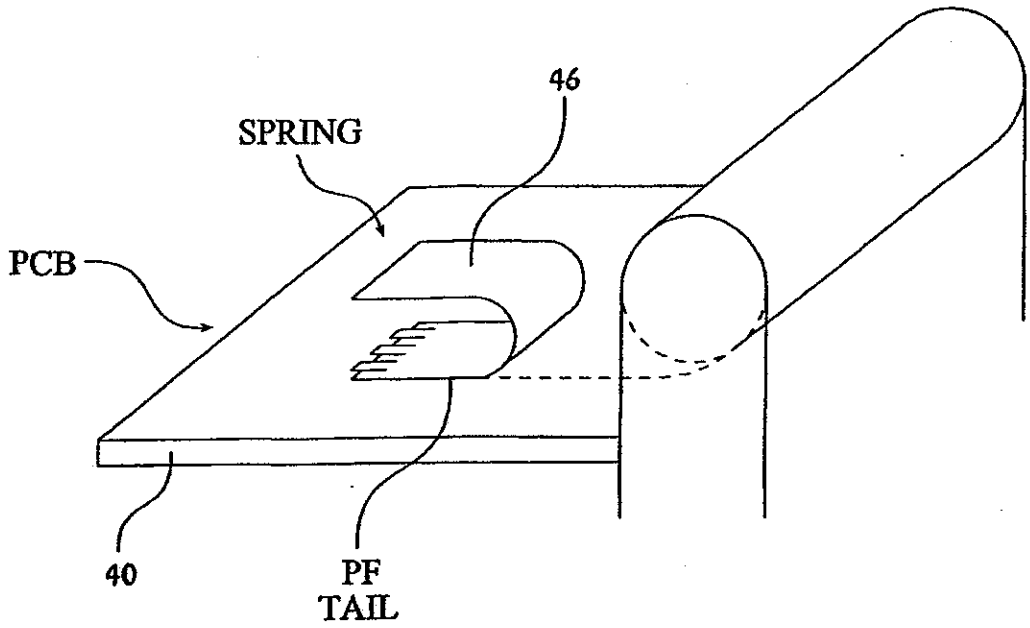


FIG.8

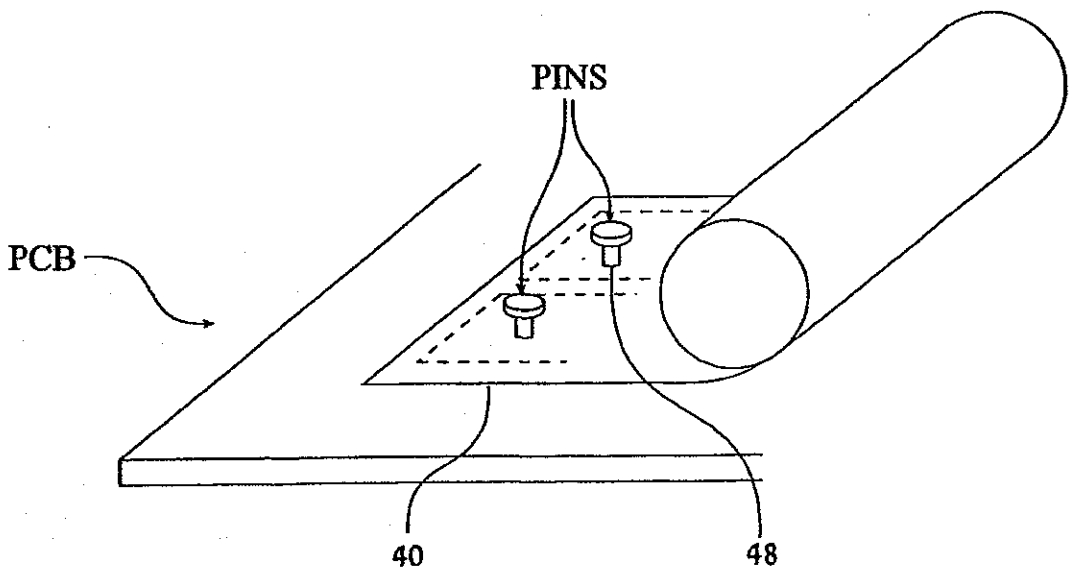


FIG.9

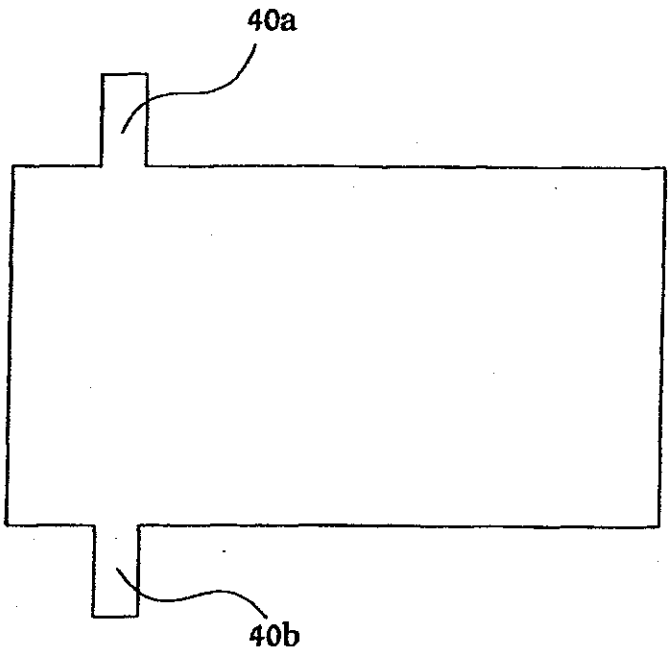


FIG.10A

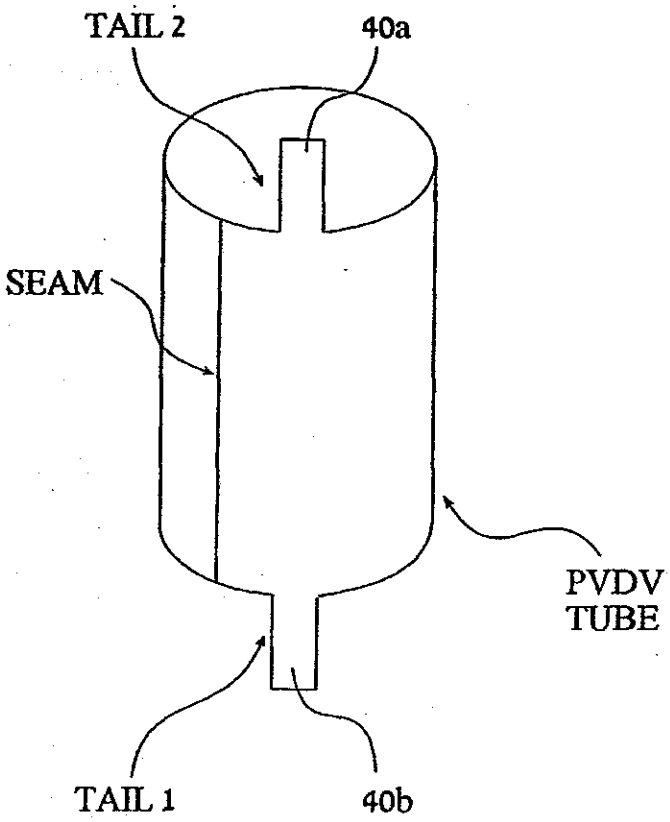


FIG.10B

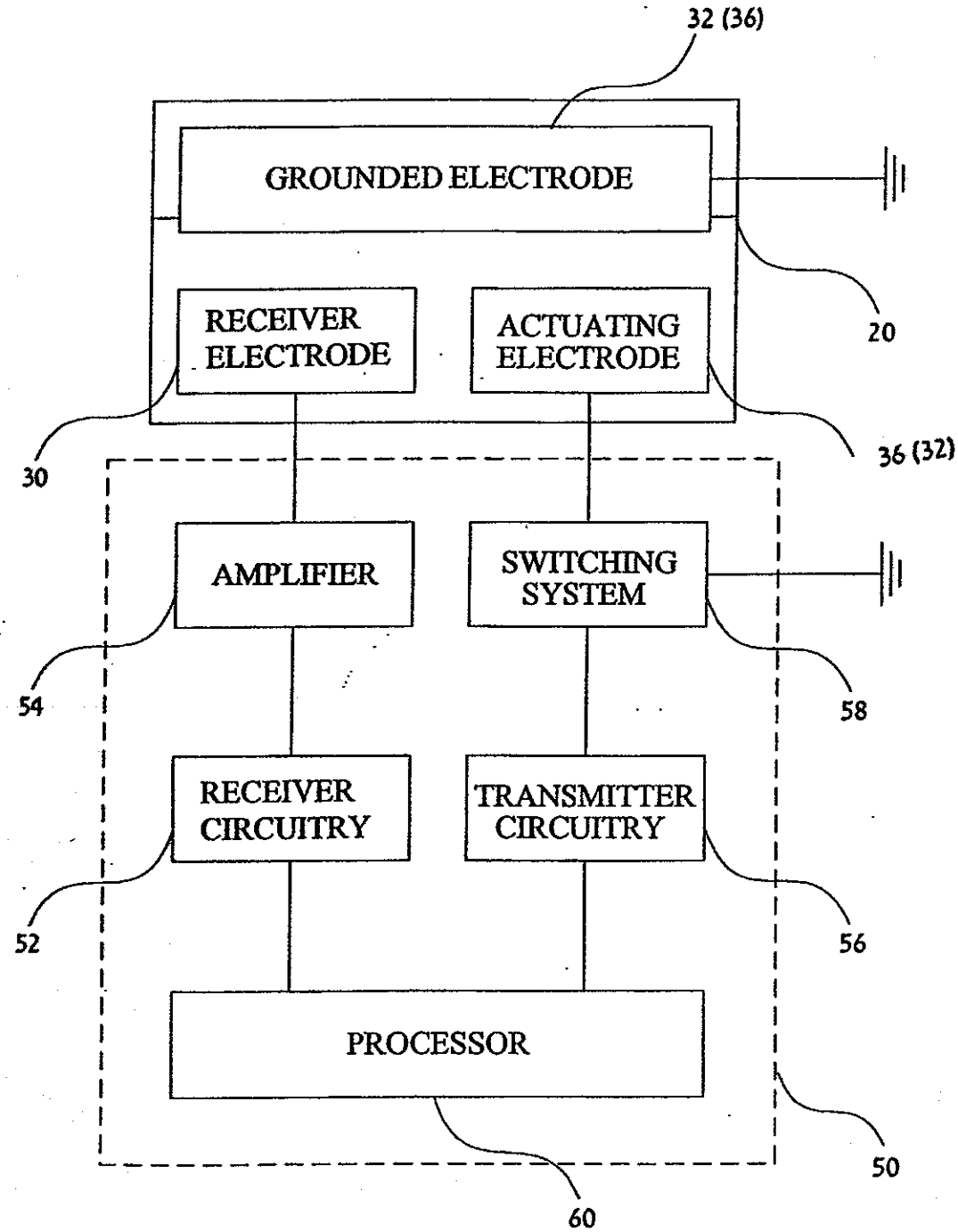

32 (36)
GROUNDED ELECTRODE
20
RECEIVER ELECTRODE
ACTUATING ELECTRODE
30
36 (32)
AMPLIFIER
SWITCHING SYSTEM
54
58
RECEIVER CIRCUITRY
TRANSMITTER CIRCUITRY
52
56
PROCESSOR
50
60

FIG.11

FIG. 12A

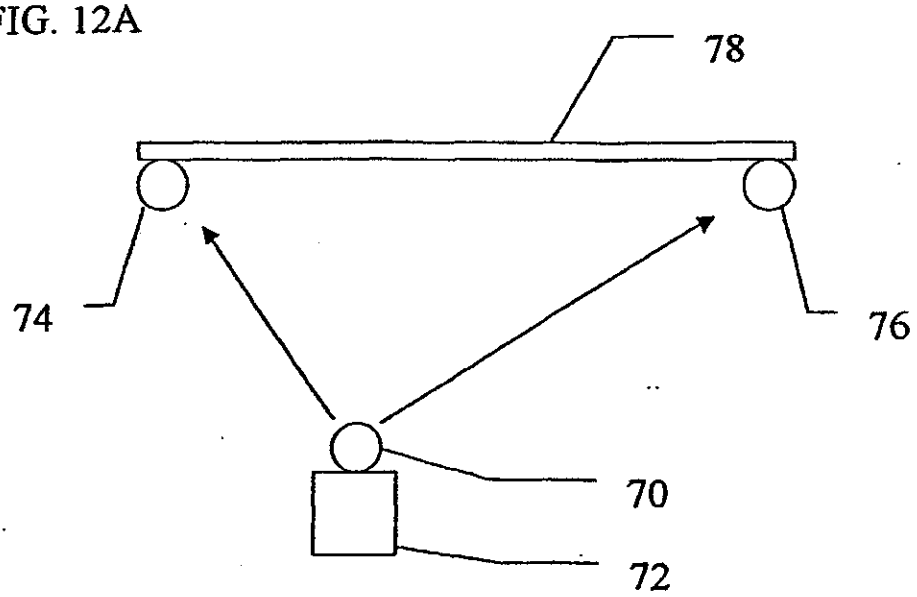


FIG. 12B

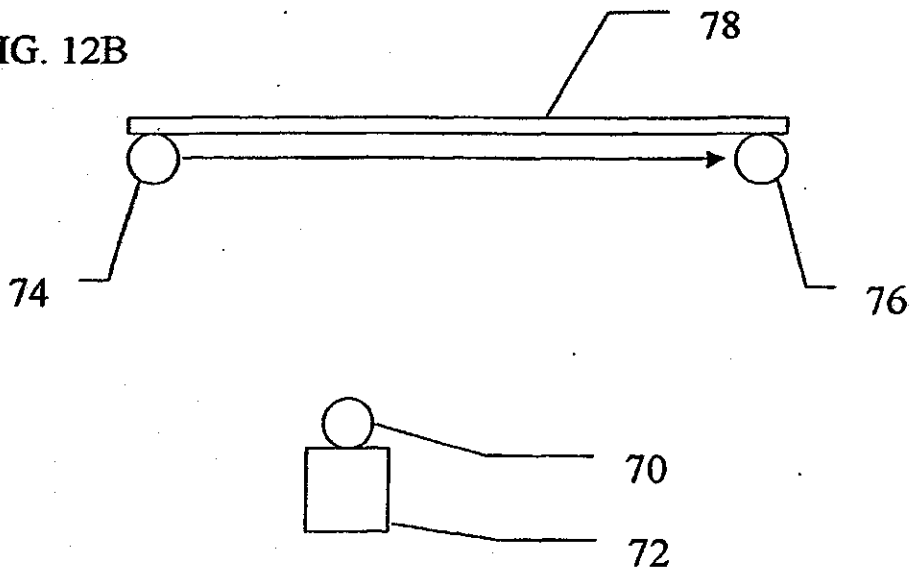


FIG. 13A

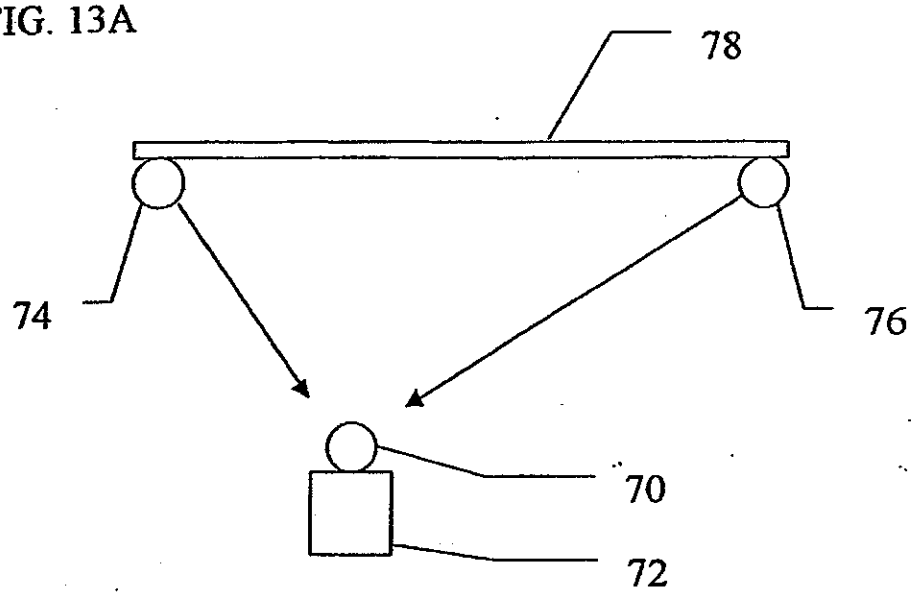


FIG. 13B

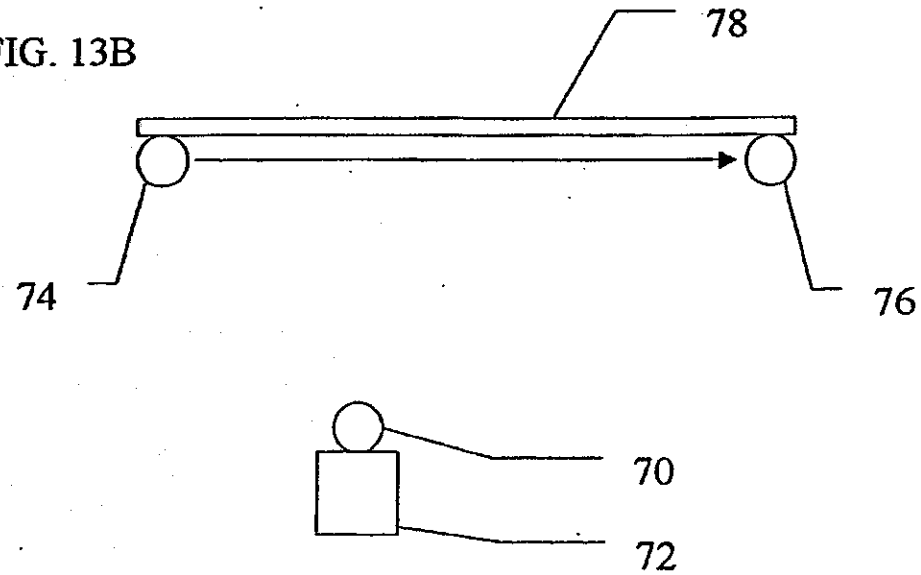


FIG. 14

