

FIG. 1

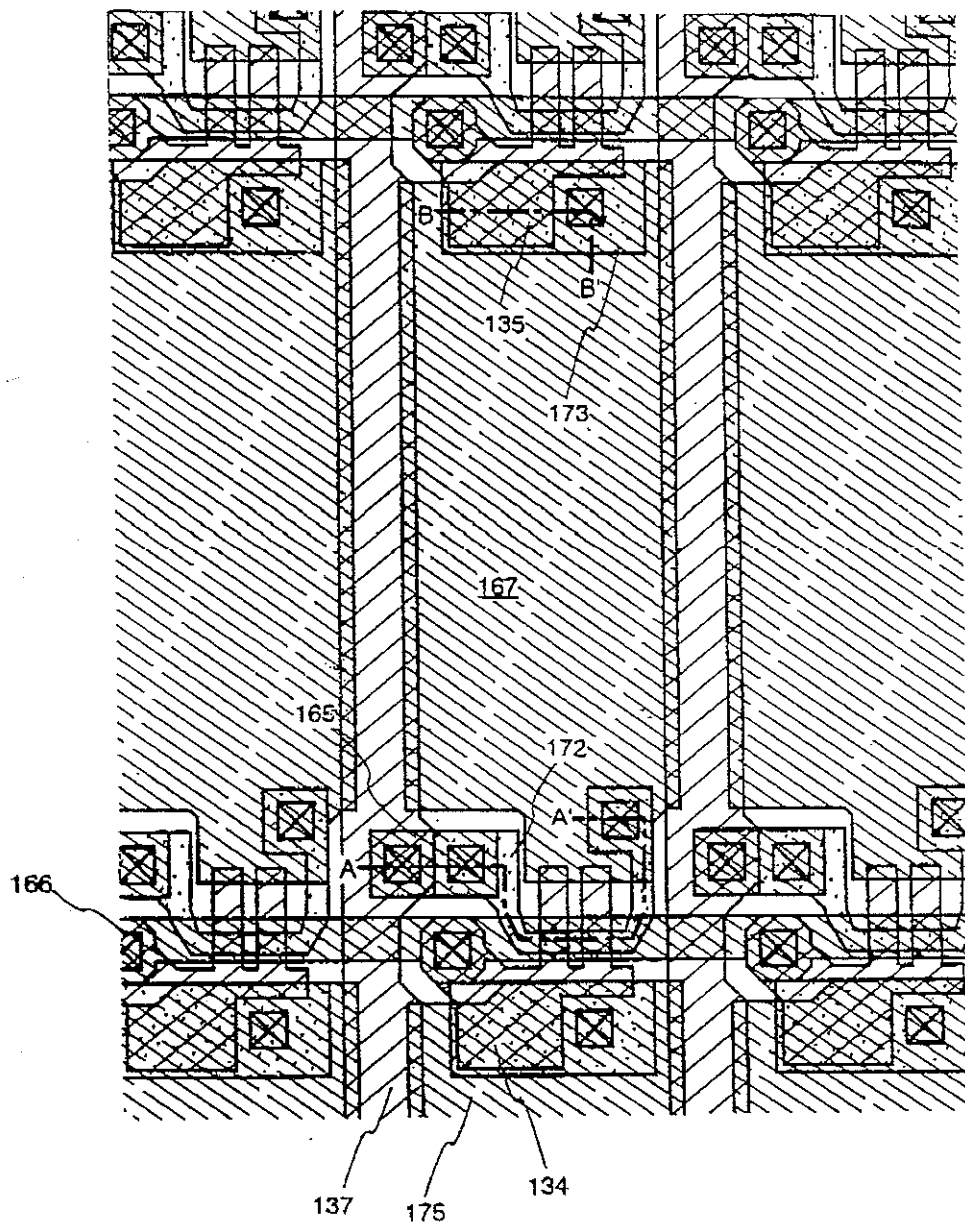


Figure 100 is a cross-sectional view of a multi-layered structure. It consists of a series of alternating layers 101 and 102. Layer 101 is a solid material, while layer 102 is a porous material, indicated by the hatching pattern. The layers are stacked vertically, with layer 101 on top of layer 102. A top layer 103 is shown above the stack of layers 101 and 102. The structure is labeled 100 on the left side.

2B n-type impurity

110, 111, 112, 113, 114, 115, 116, 117, 118a, 118b, 119a, 119b, 120a, 120b, 121a, 121b, 122a, 122b, 123a, 123b, 124a, 124b, 125, 126, 127, 128, 129

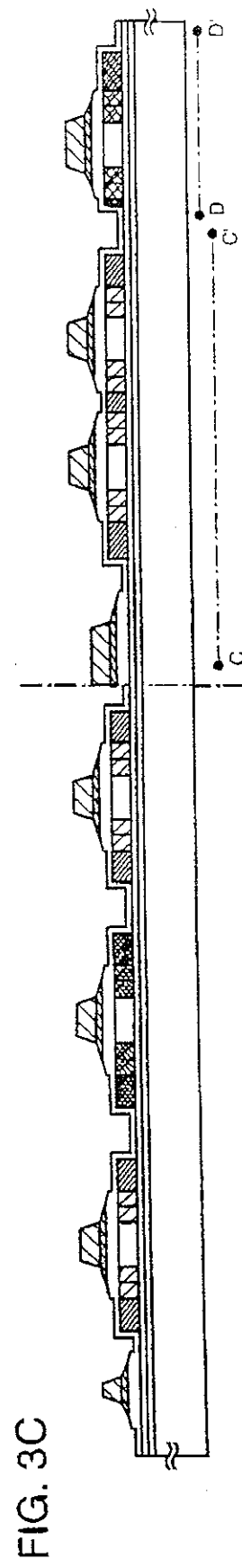
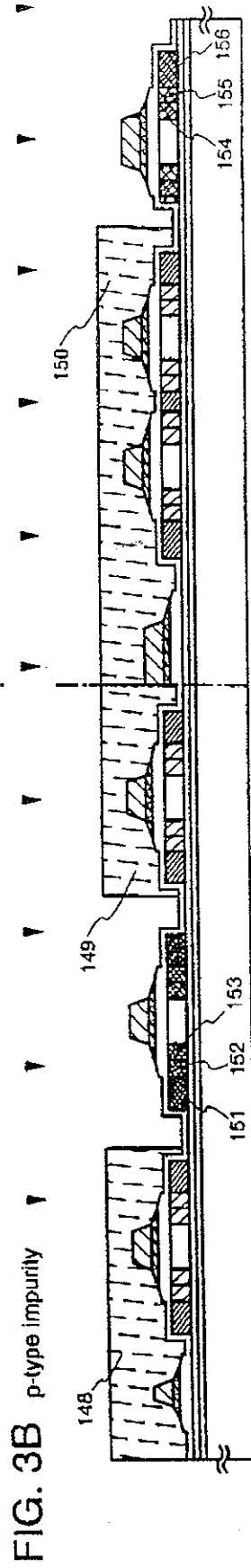
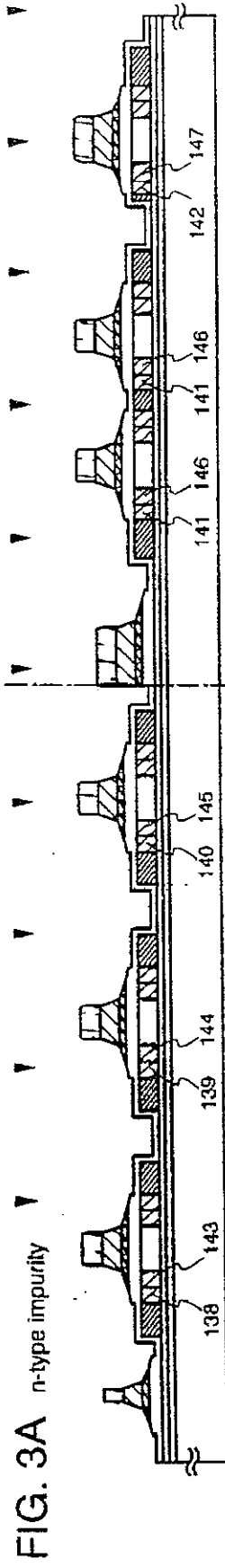


FIG. 4

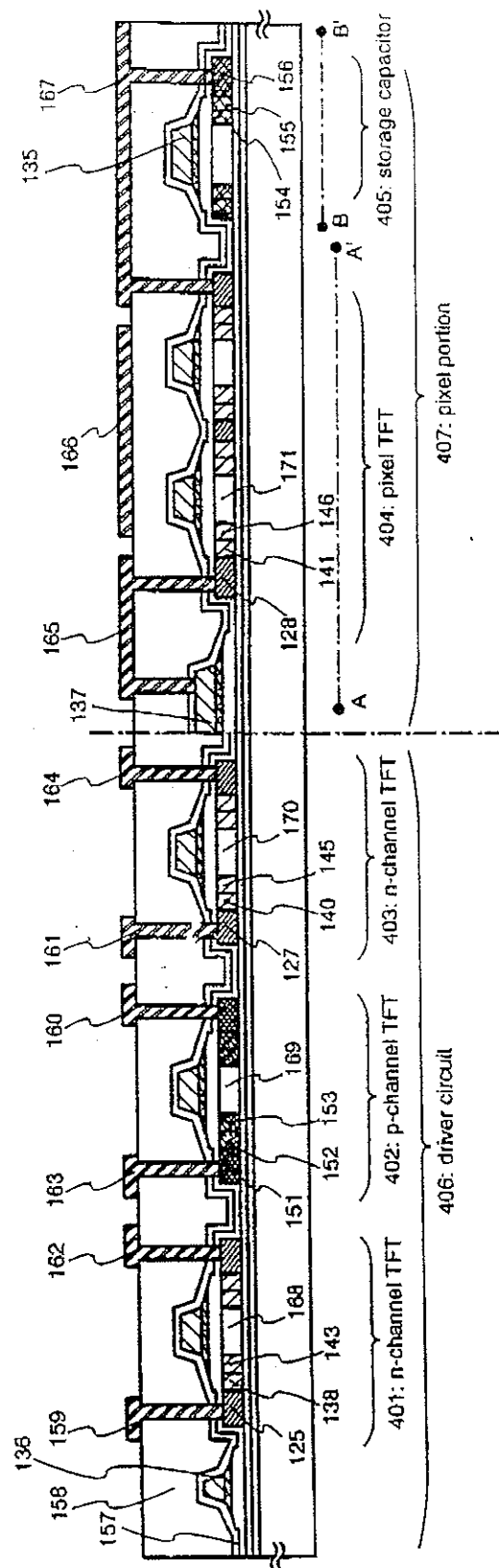
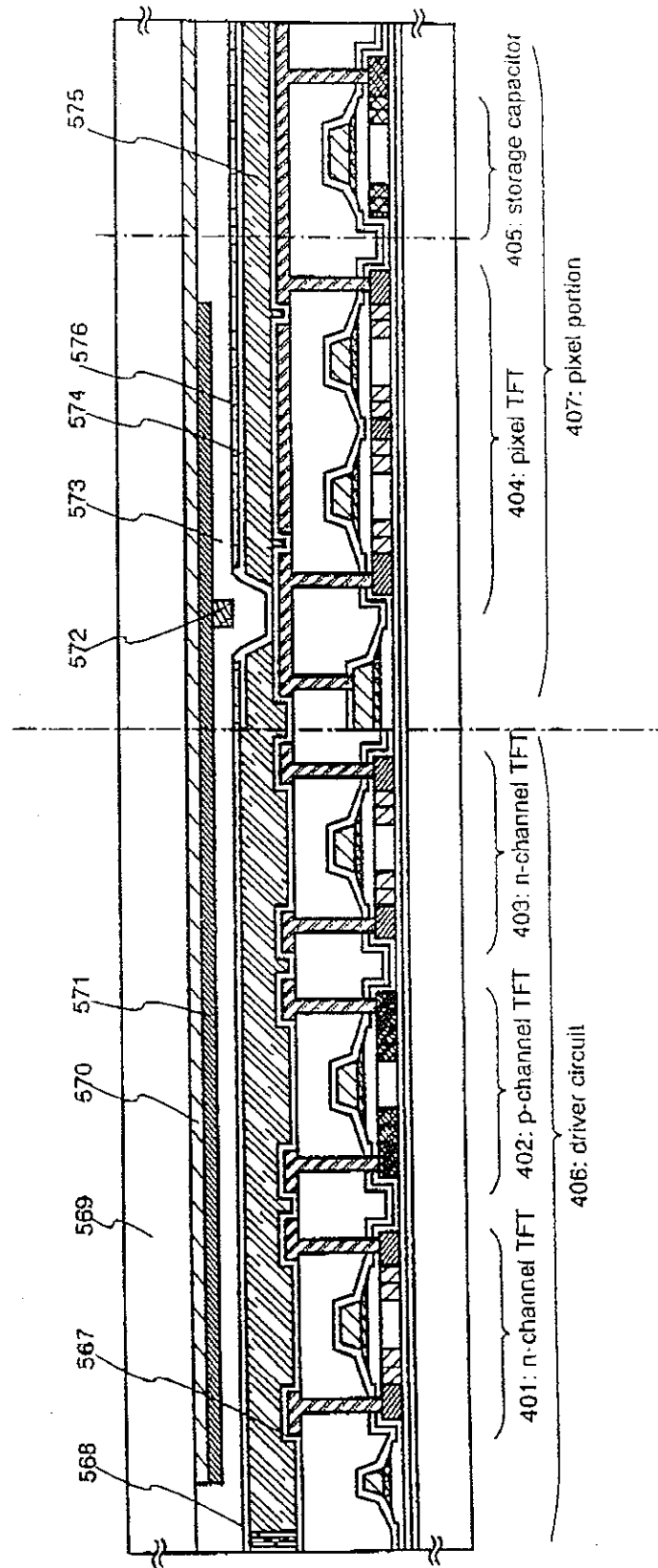


FIG. 5





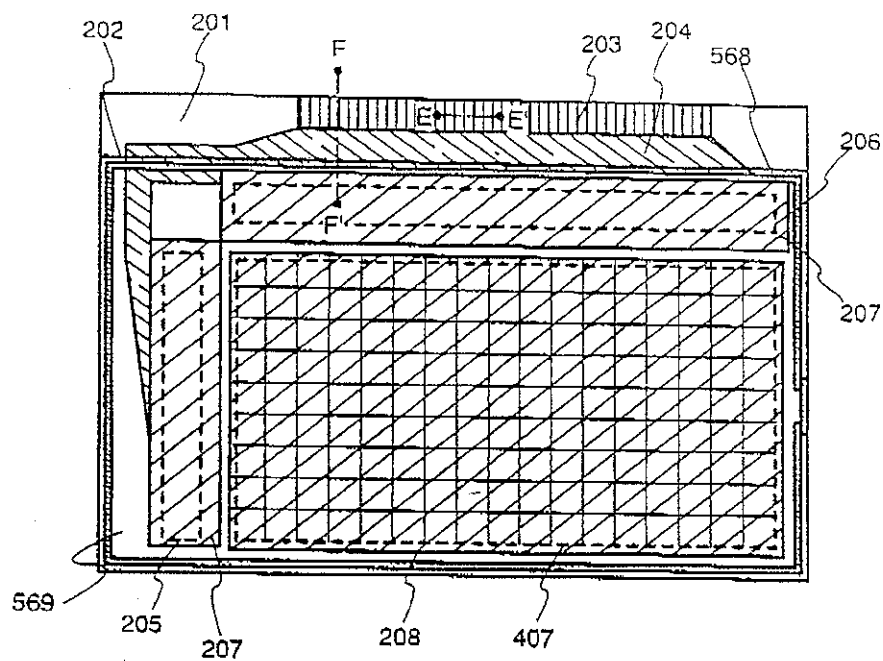


FIG. 7A top view

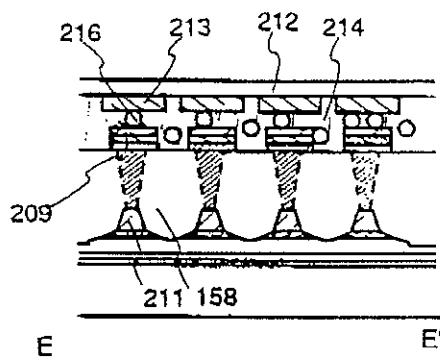


FIG. 7B cross sectional view of E-E'

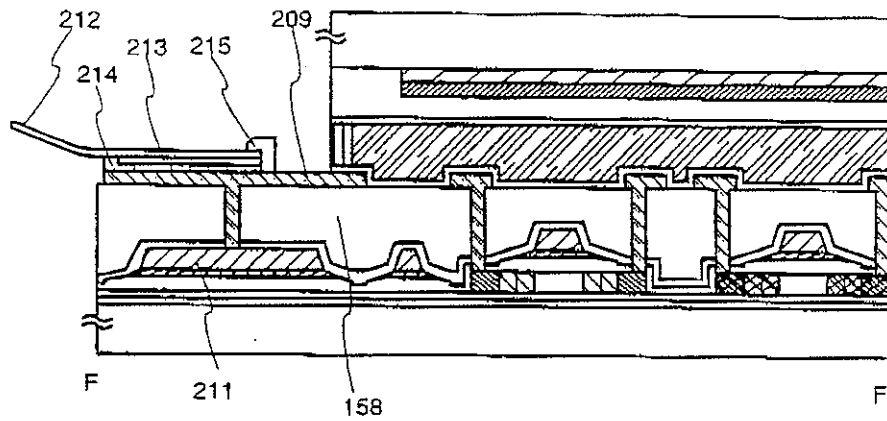


FIG. 8A cross sectional view of F-F'

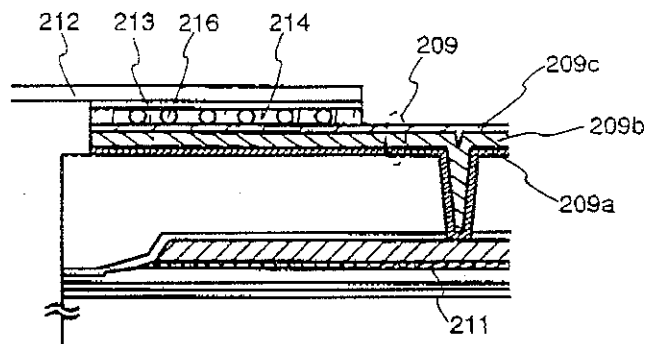


FIG. 8B



FIG. 10

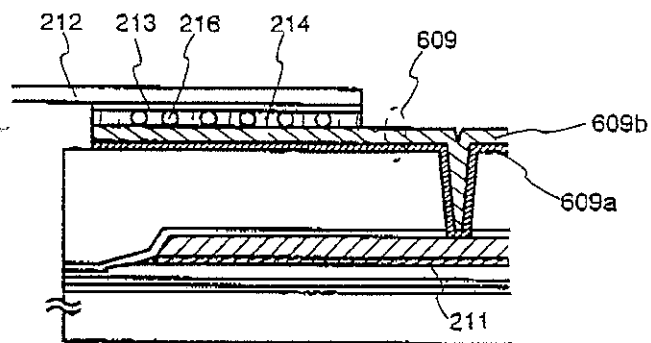


FIG. 11

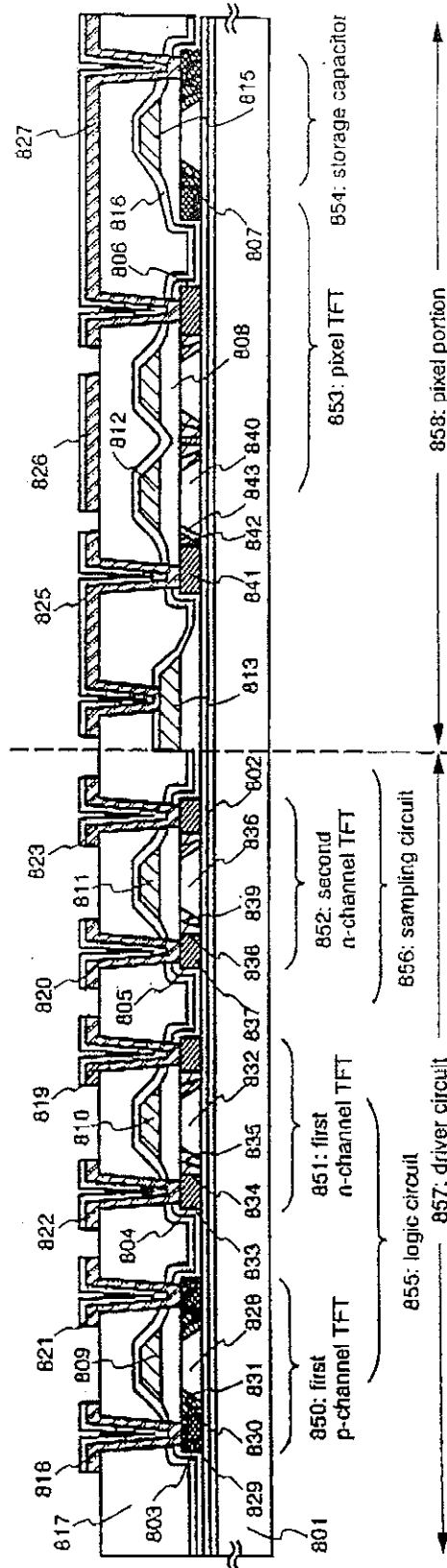


FIG. 12

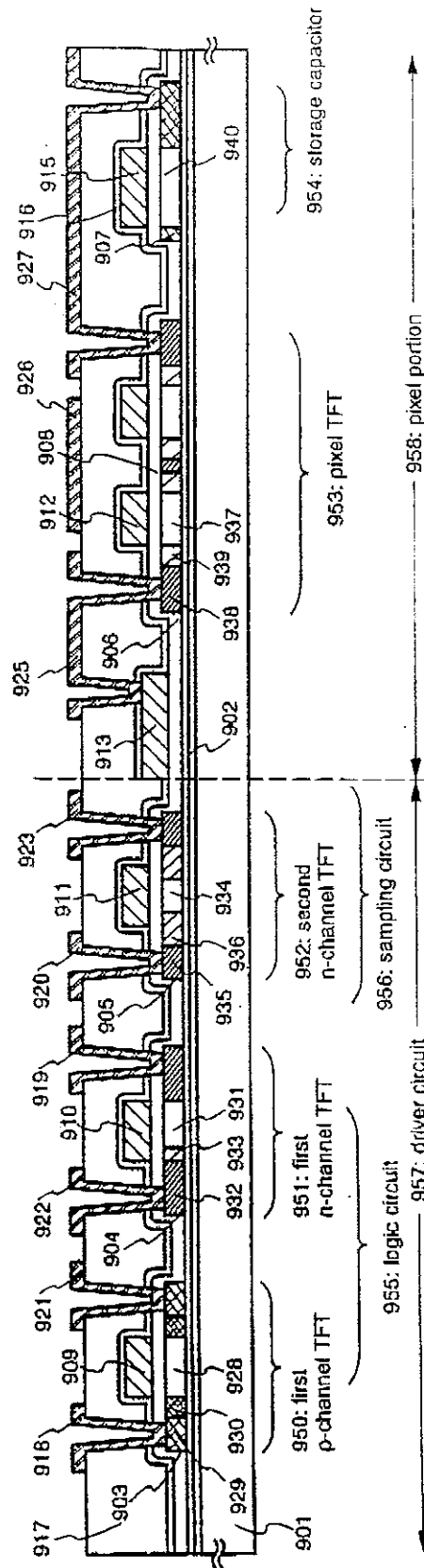




FIG. 14

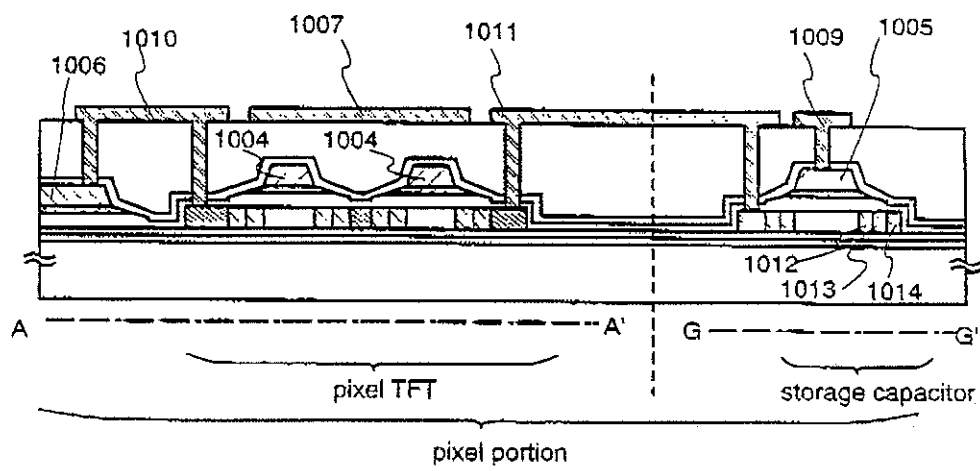


FIG. 15

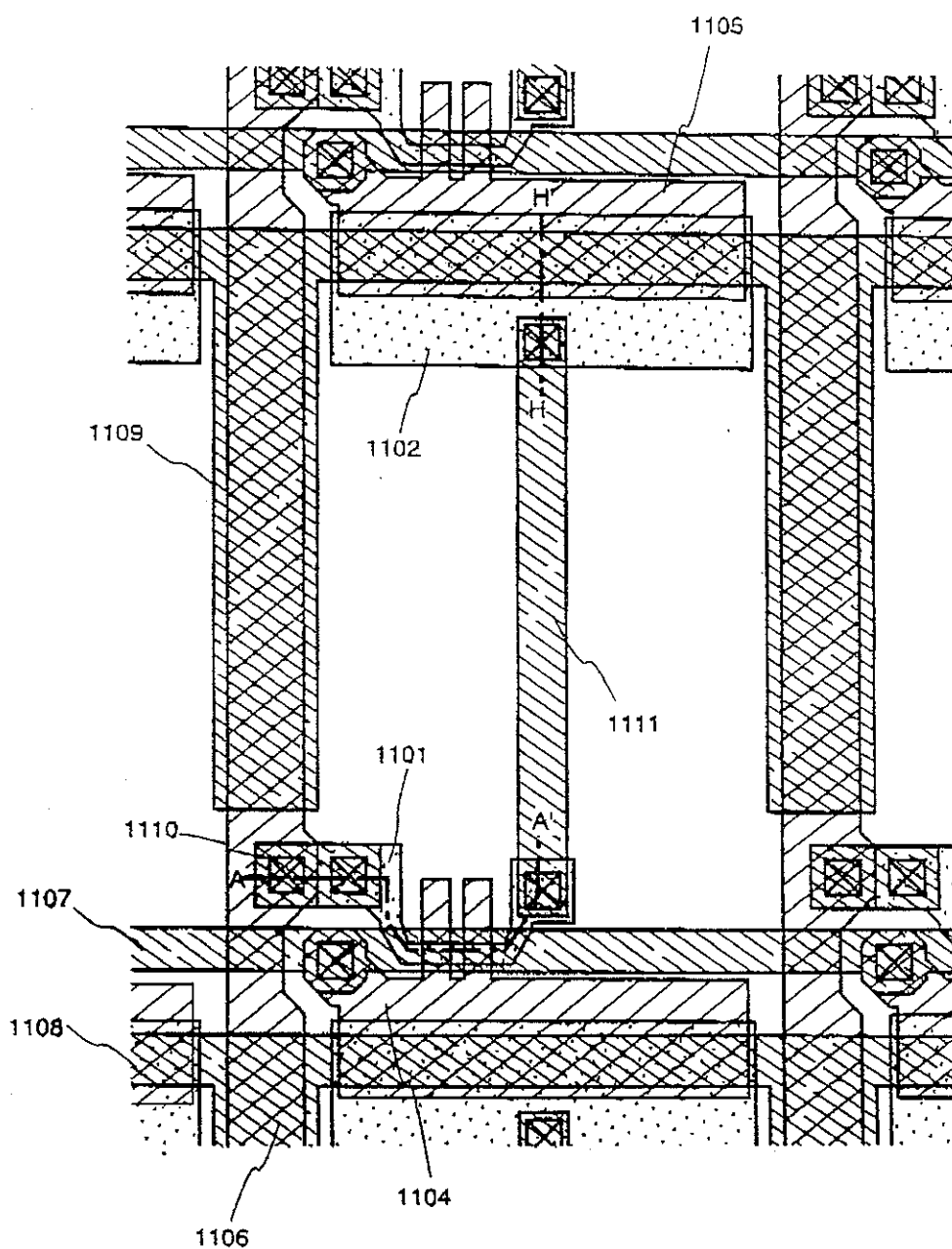


FIG. 16

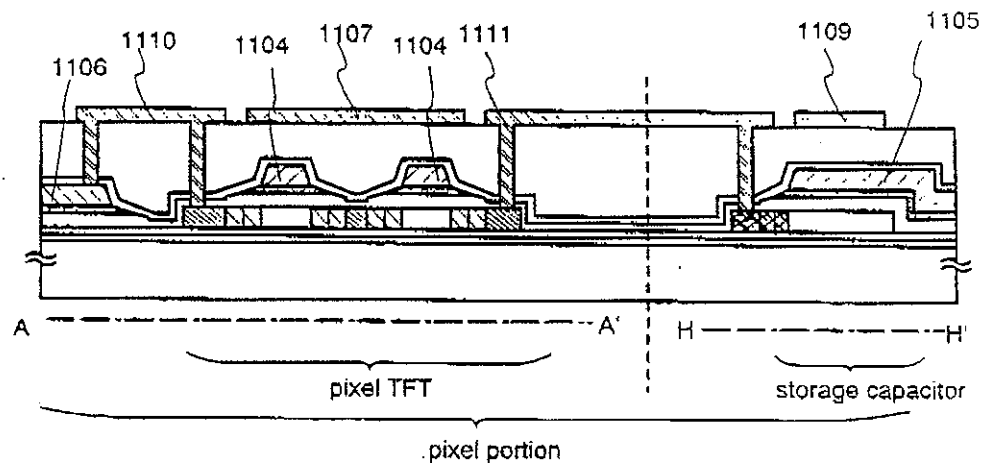
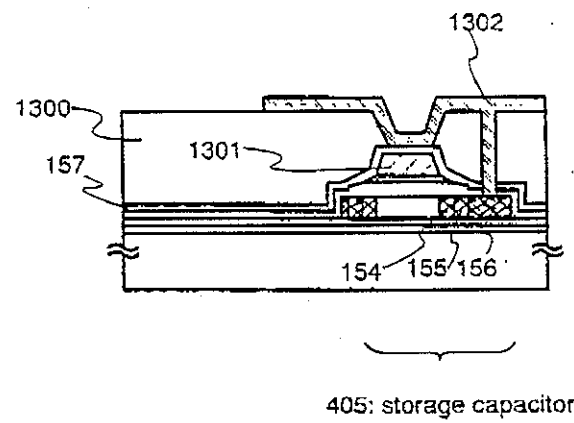






FIG. 19



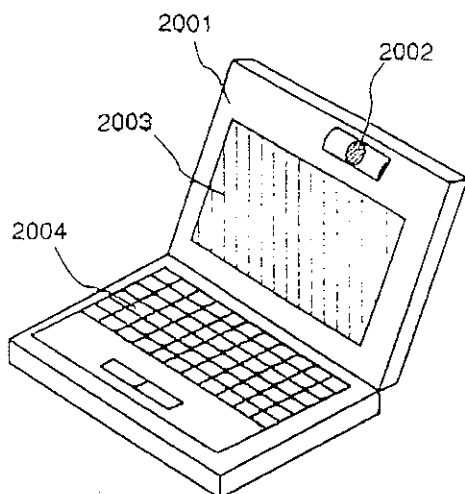


FIG. 20A

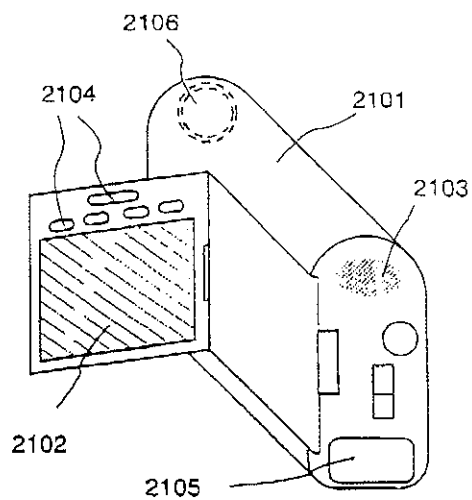


FIG. 20B

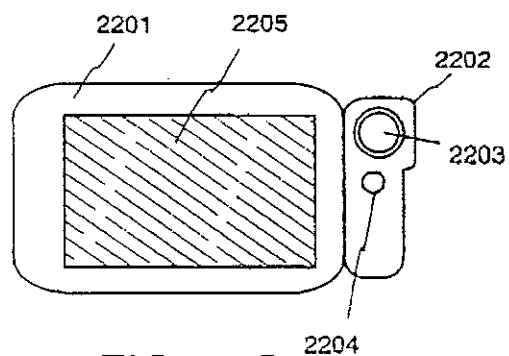


FIG. 20C

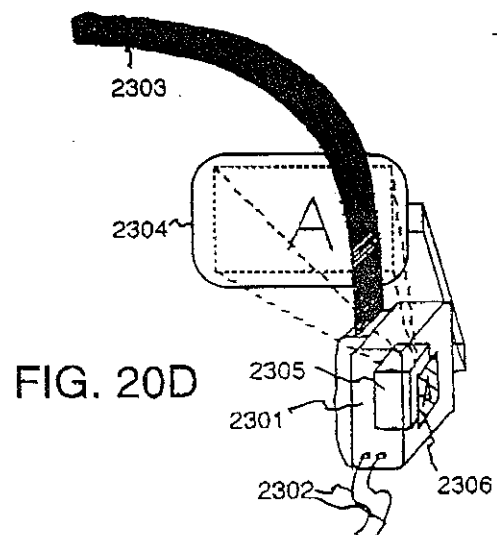


FIG. 20D

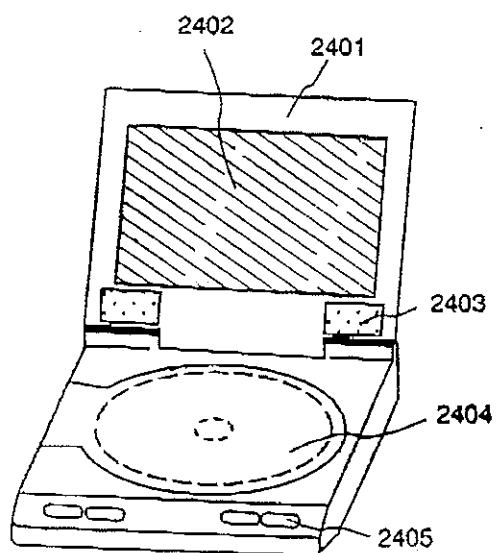


FIG. 20E

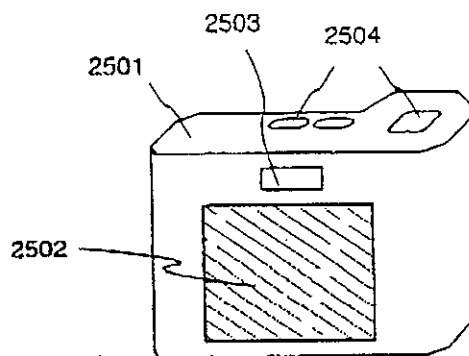


FIG. 20F

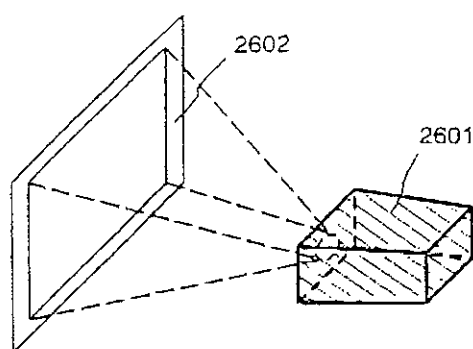


FIG. 21A

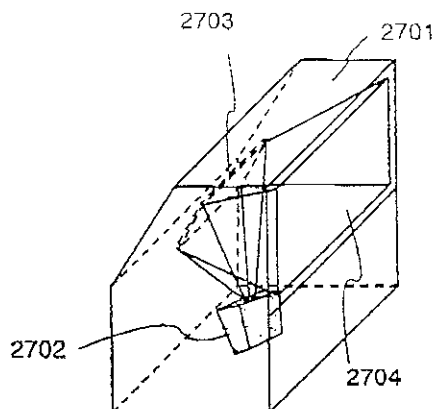


FIG. 21B

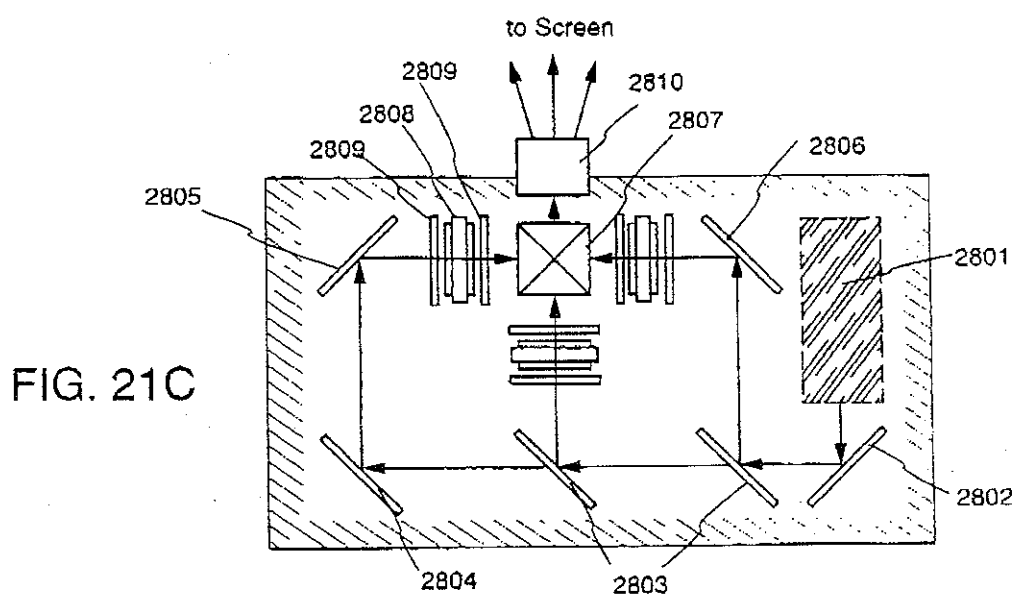


FIG. 21C

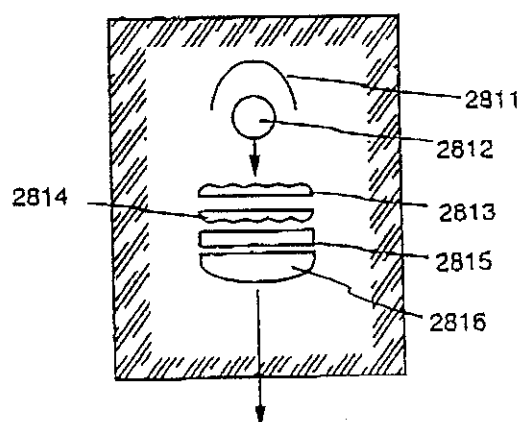


FIG. 21D

FIG. 22A

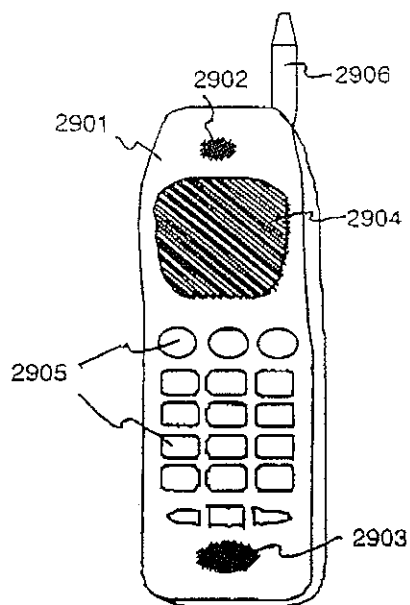


FIG. 22B

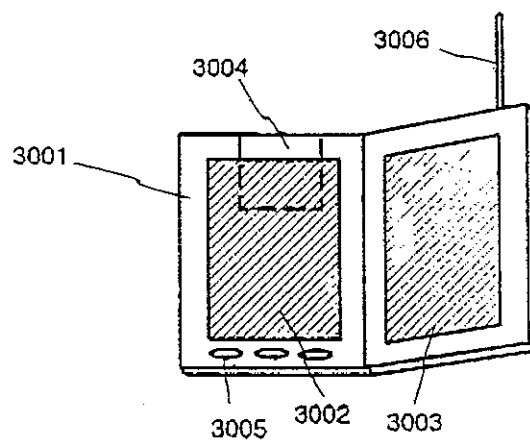


FIG. 22C

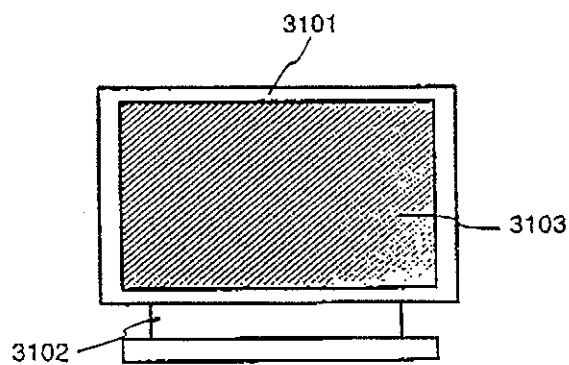


FIG. 23 prior art

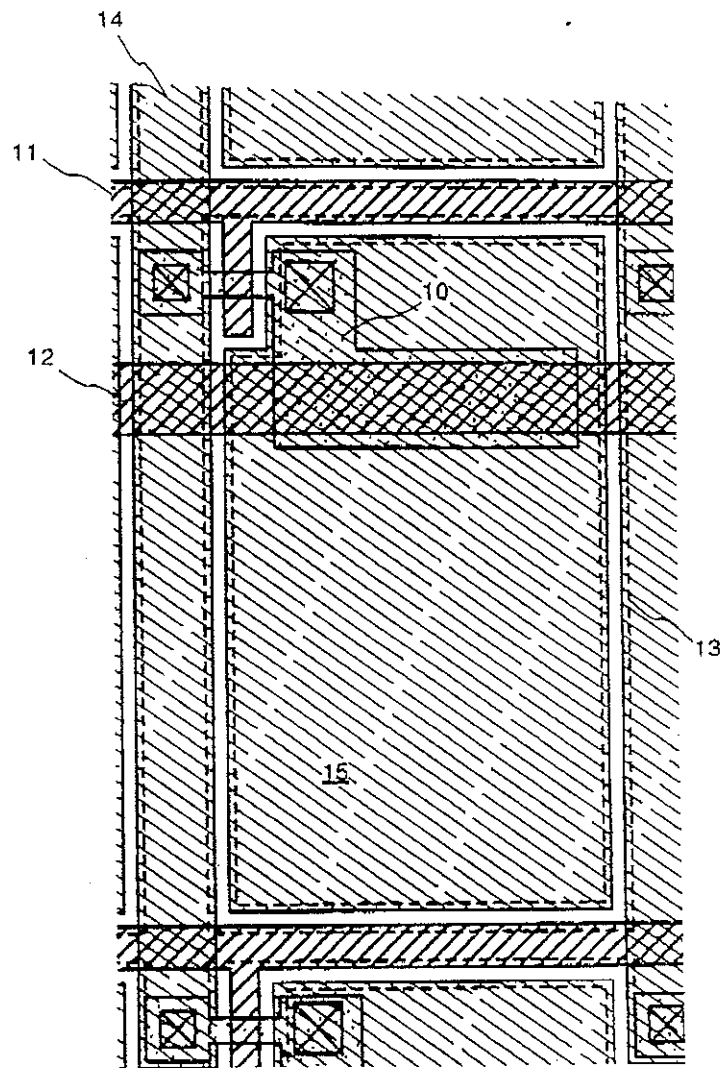


FIG. 24A

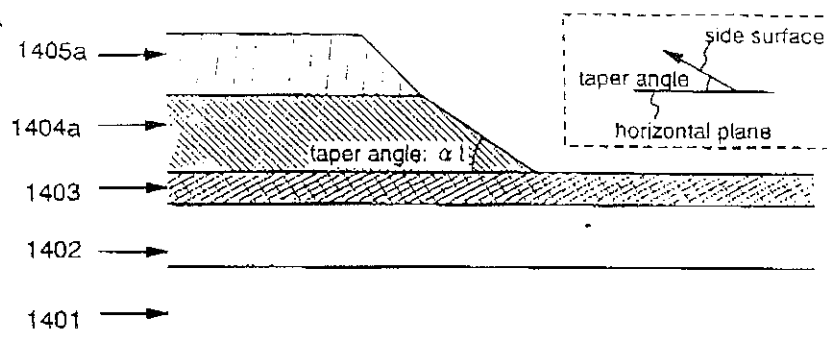


FIG. 24B

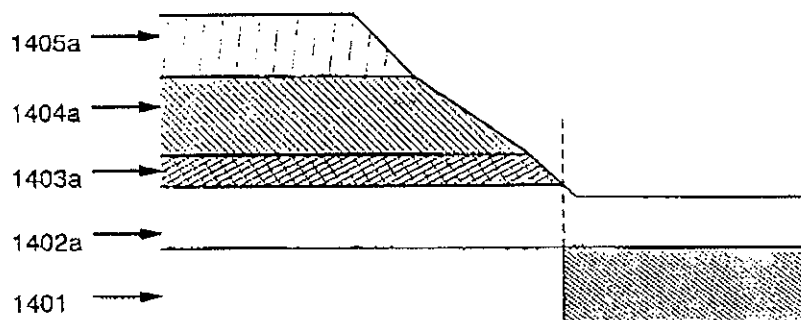


FIG. 24C

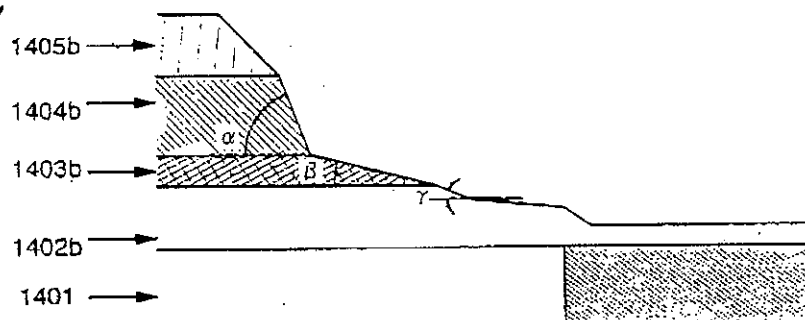


FIG. 24D

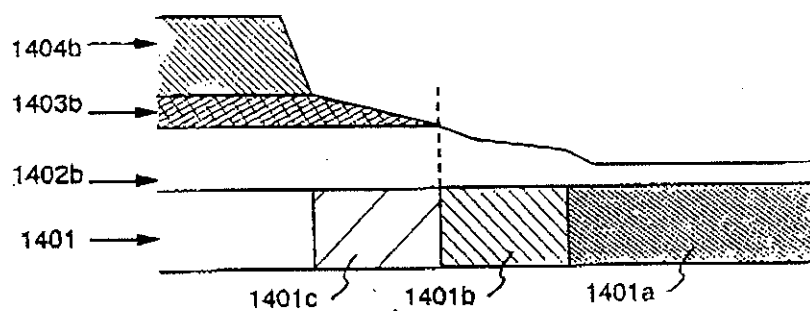


FIG. 25

