

FIG. 1

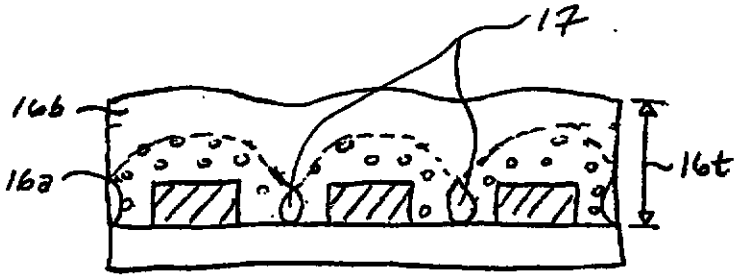


FIG. 2

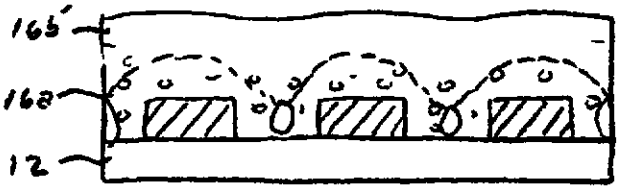


FIG. 3

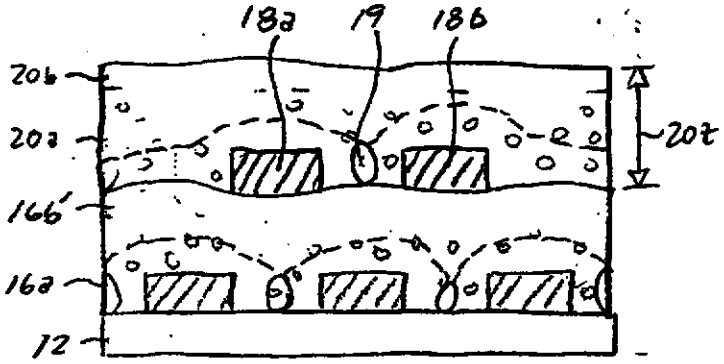


FIG. 4

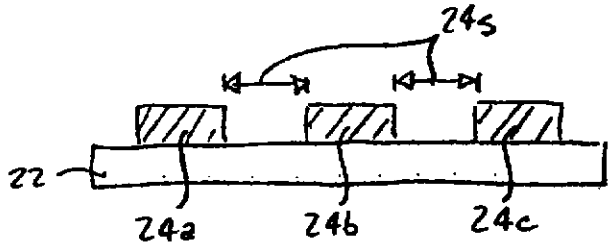


FIG. 5

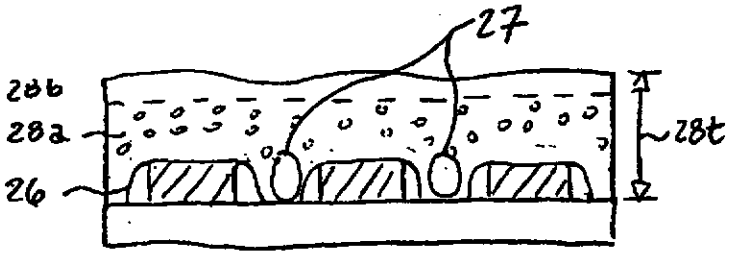


FIG. 6

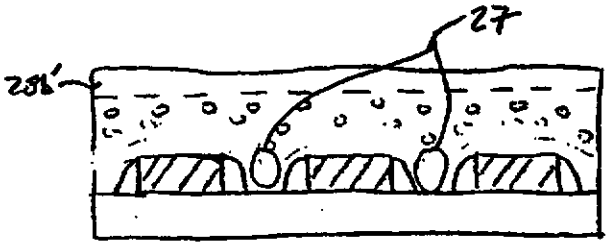


FIG. 7

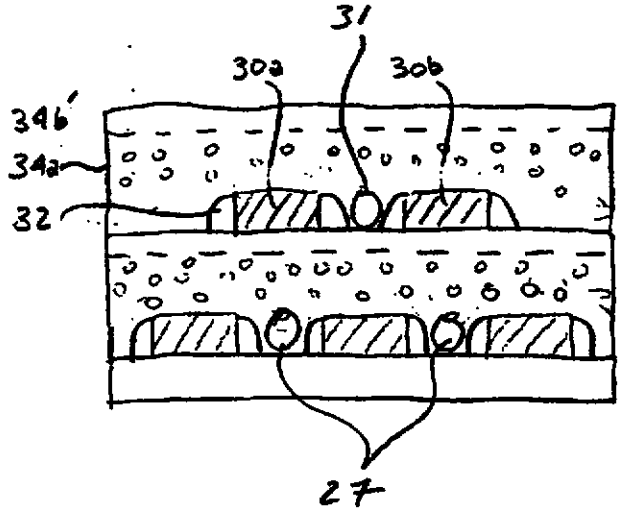


FIG. 8

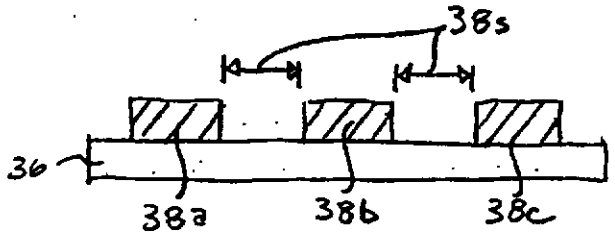


FIG. 9

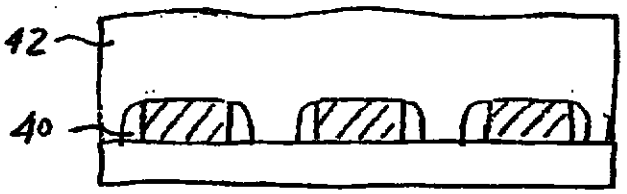


FIG. 10

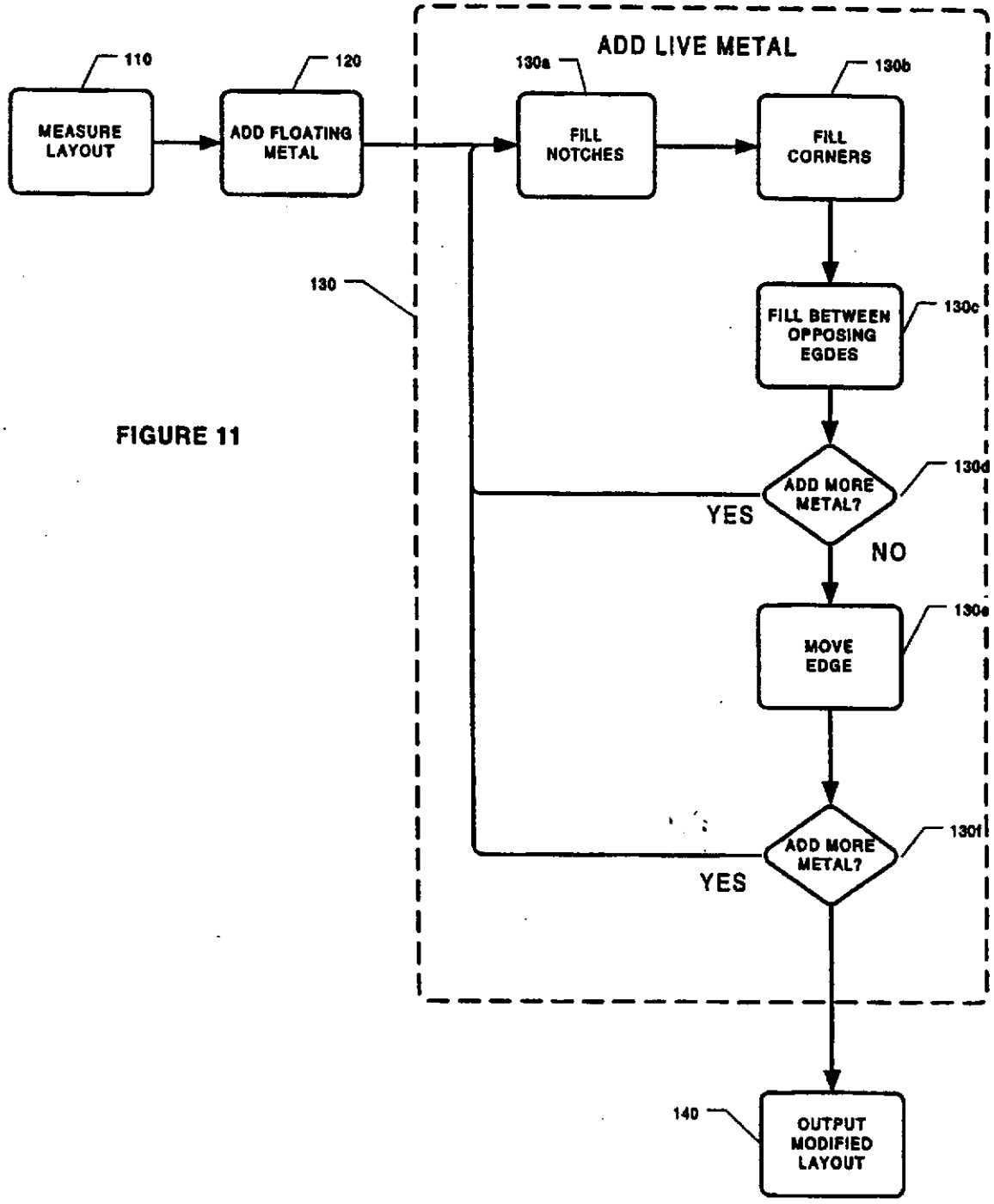

ADD LIVE METAL
110
MEASURE LAYOUT
120
ADD FLOATING METAL
130a
FILL NOTCHES
130b
FILL CORNERS
130
FILL BETWEEN OPPOSING EGDES
130c
ADD MORE METAL?
130d
YES
NO
MOVE EDGE
130e
ADD MORE METAL?
130f
YES
140
OUTPUT MODIFIED LAYOUT

FIGURE 11

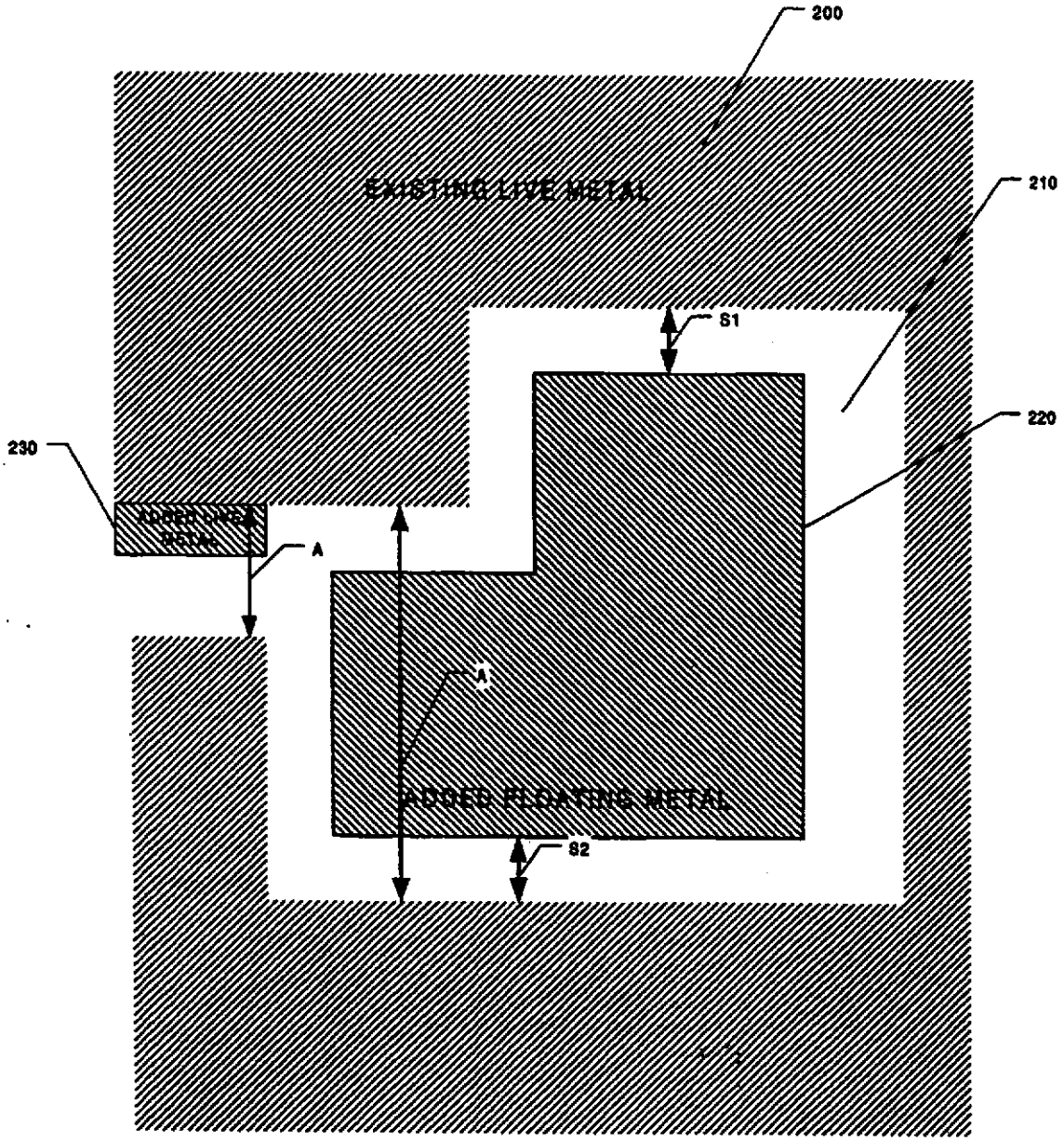

200
EXISTING LIVE METAL
210
S1
220
230
ADDED OVER-METAL
A
A
ADDED FLOATING METAL
S2

FIGURE 12

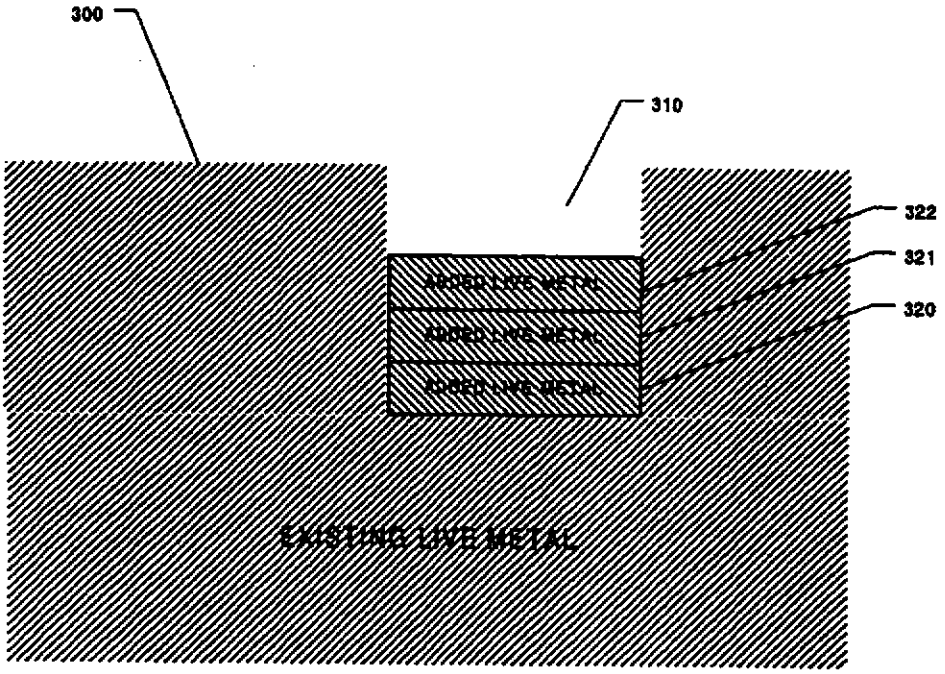

300
310
322
321
320
ADDED LIVE METAL
ADDED LIVE METAL
ADDED LIVE METAL
EXISTING LIVE METAL

FIGURE 13

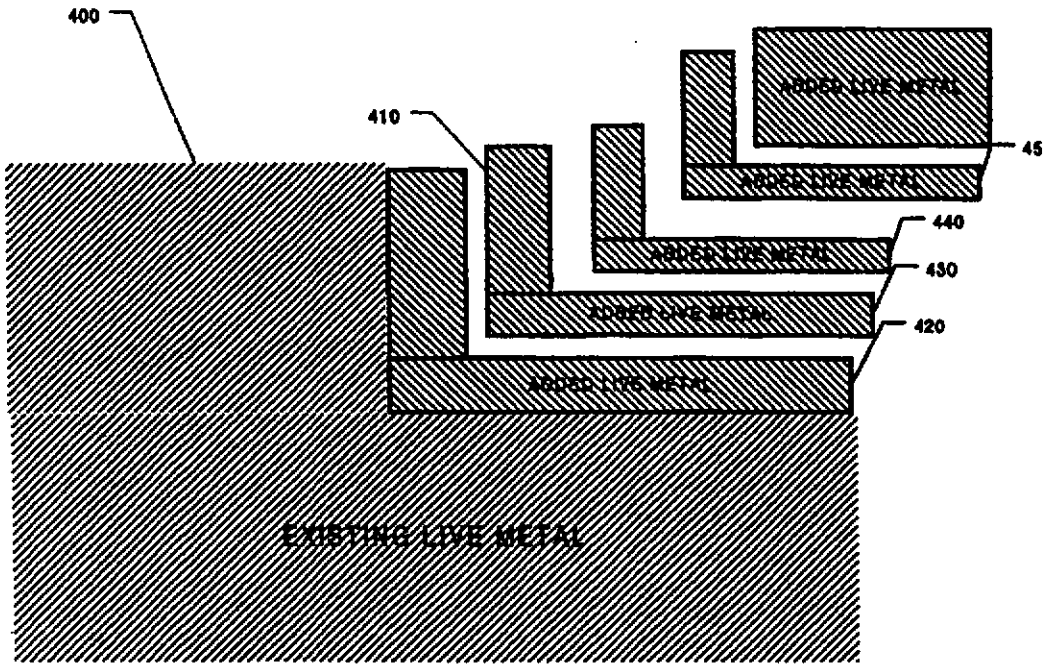


FIGURE 14

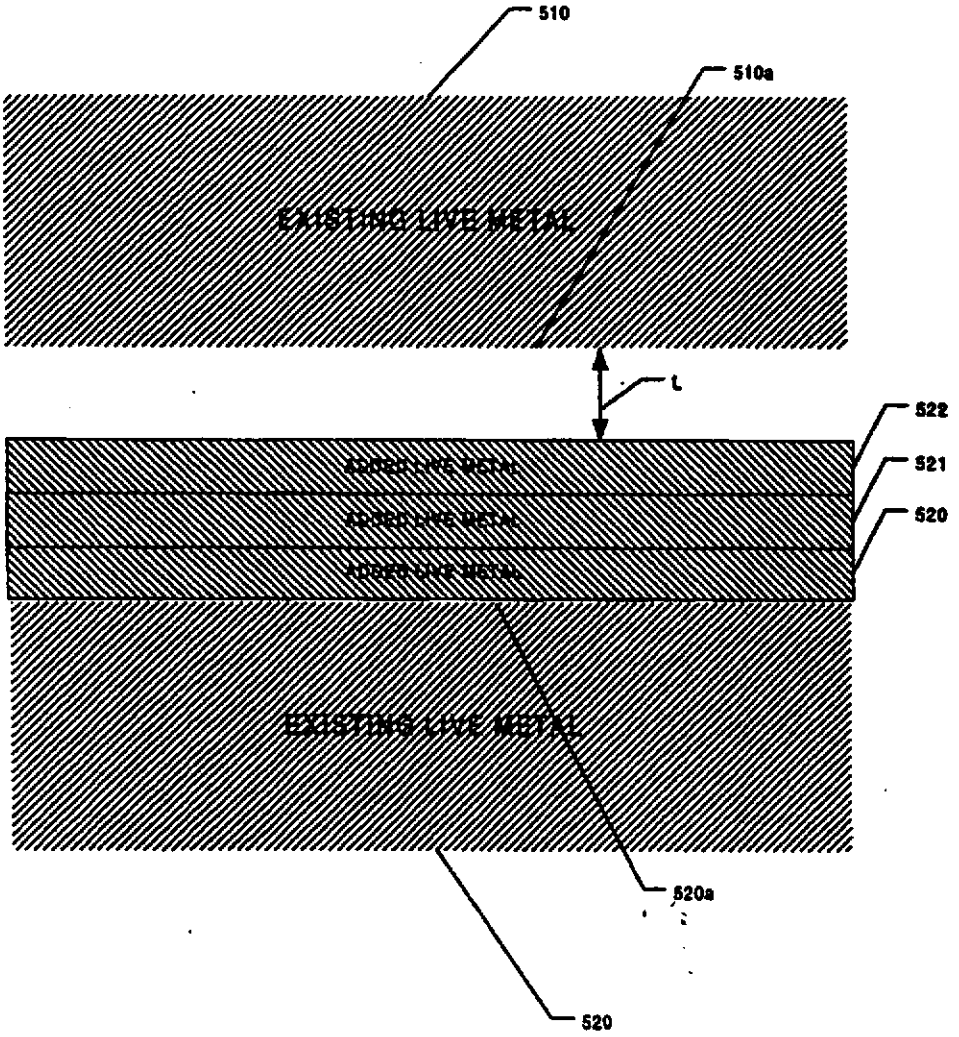

510
510a
EXISTING LIVE METAL
L
522
521
520
EXISTING LIVE METAL
520a
520

FIGURE 15

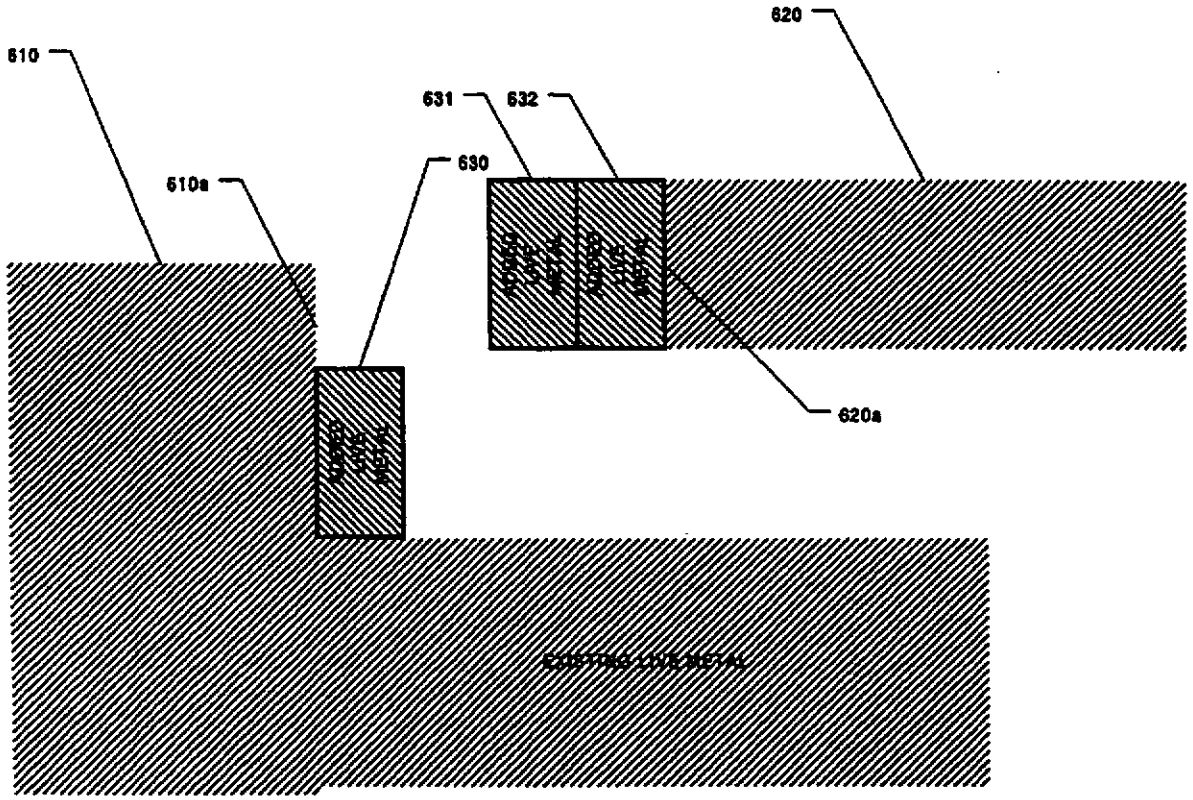


FIGURE 16

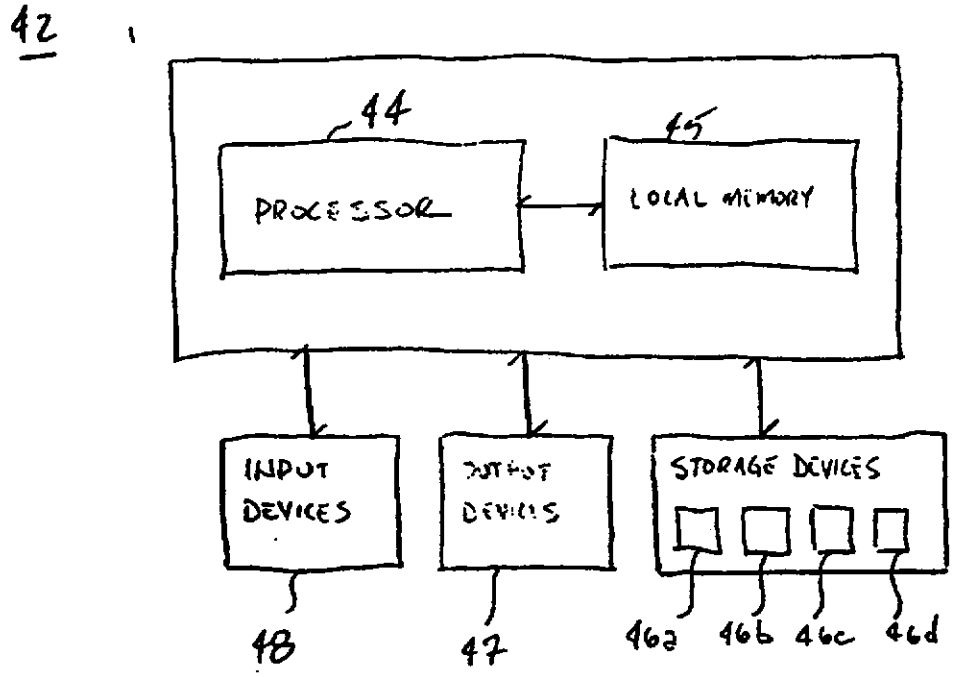
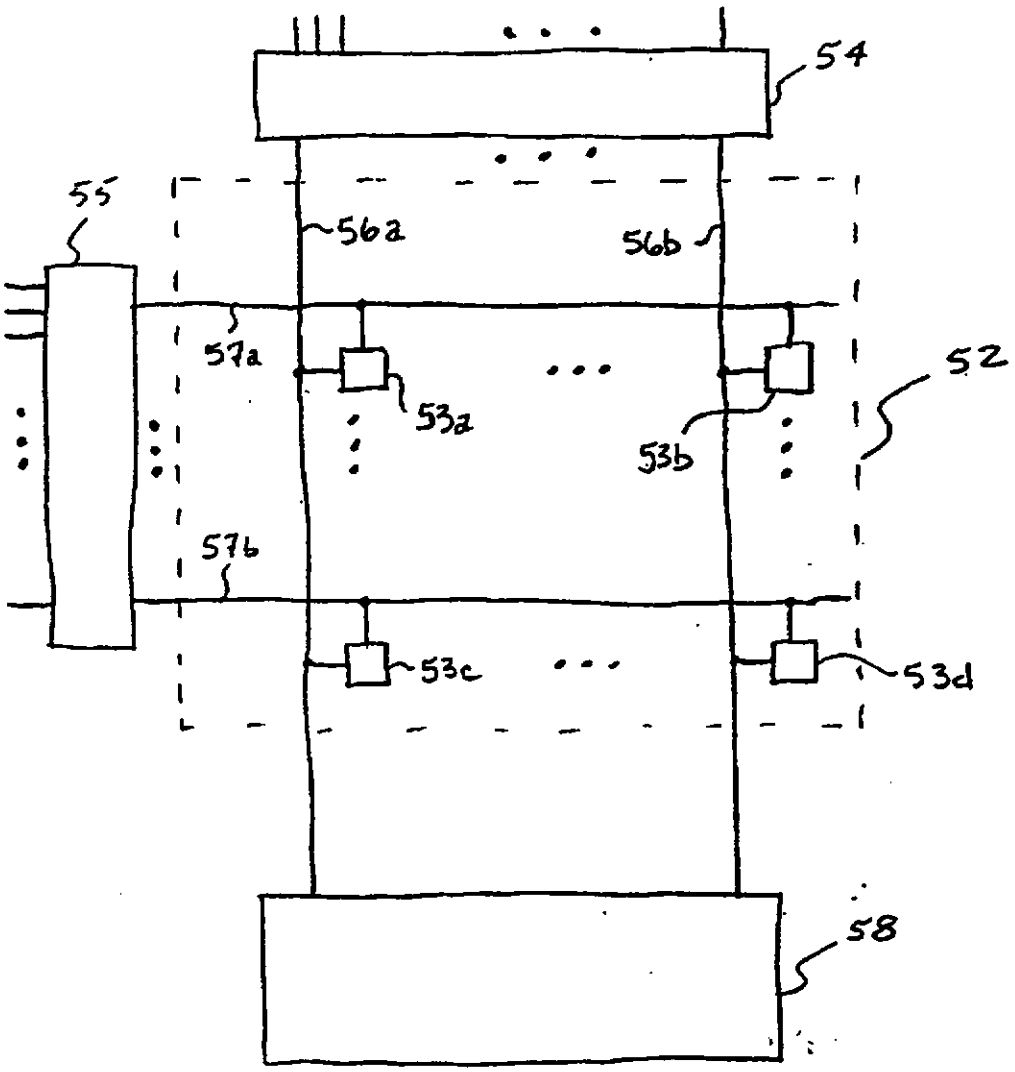

42
44
PROCESSOR
45
LOCAL MEMORY
INPUT DEVICES
OUTPUT DEVICES
STORAGE DEVICES
48
47
46a
46b
46c
46d

FIG. 17


54
55
56a
56b
57a
52
53a
53b
57b
53c
53d
58