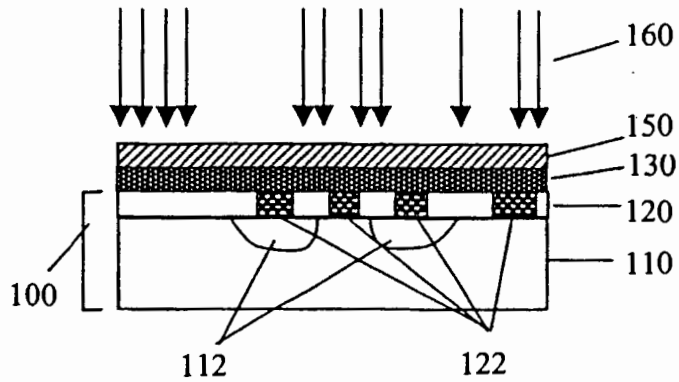


FIGURE 1a.

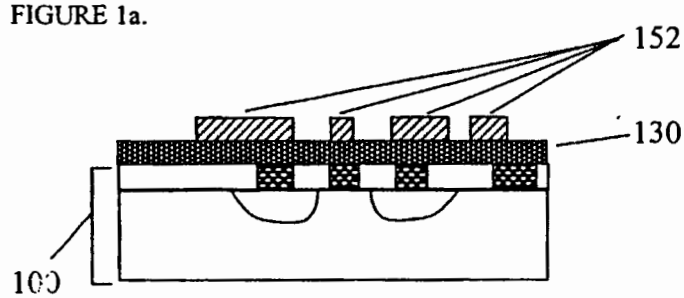


FIGURE 1b

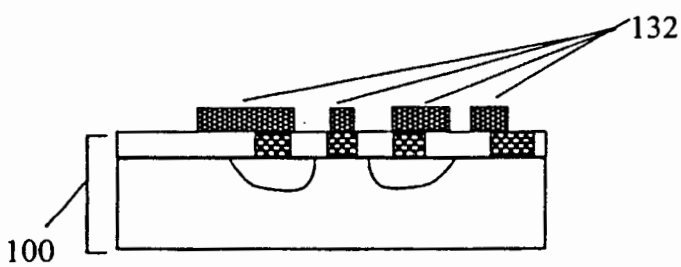


FIGURE 1c

(PRIOR ART)

FIGURE 1

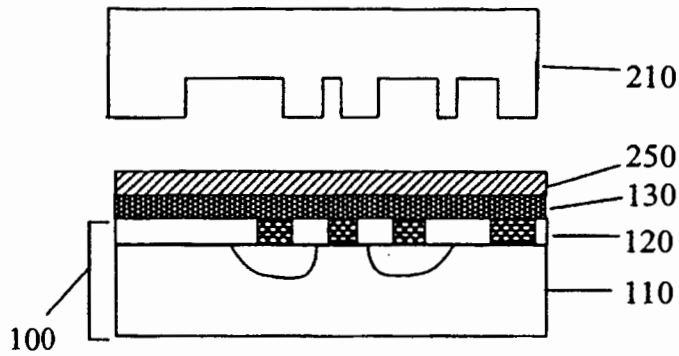


FIGURE 2a

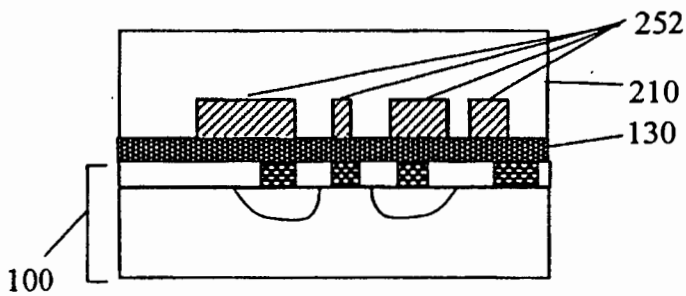


FIGURE 2b

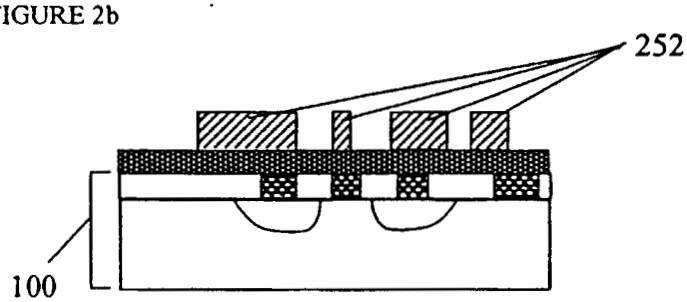


FIGURE 2c

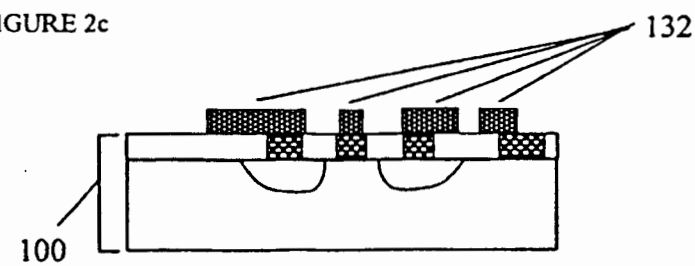


FIGURE 2d

(PRIOR ART)

FIGURE 2

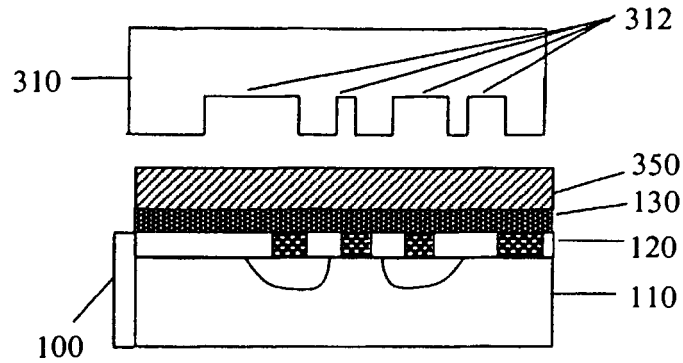


FIGURE 3a

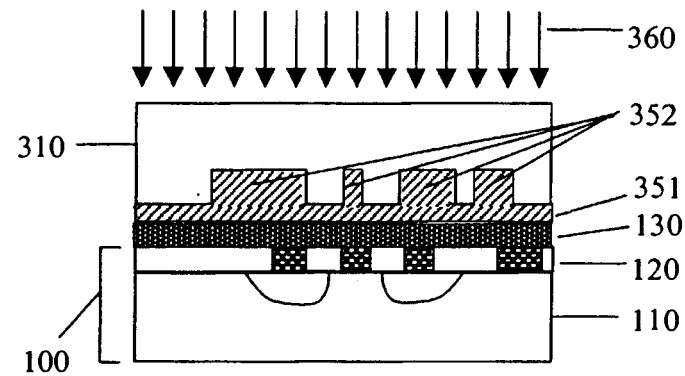


FIGURE 3b

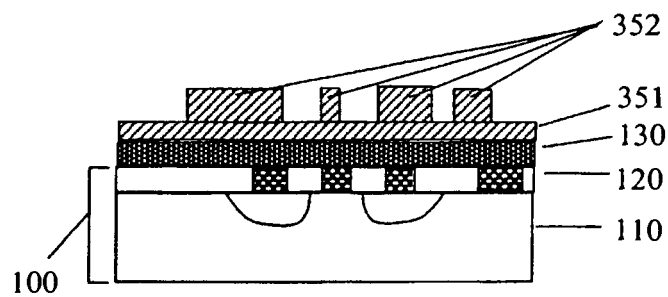


FIGURE 3c

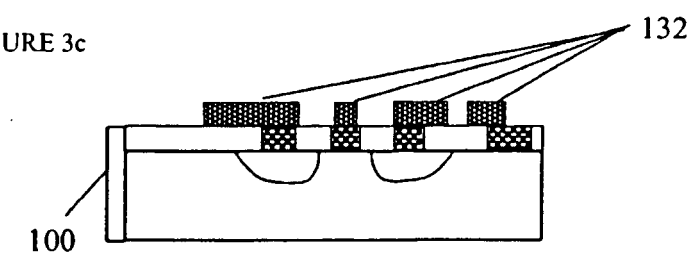


FIGURE 3d

FIGURE 3 (PRIOR ART)

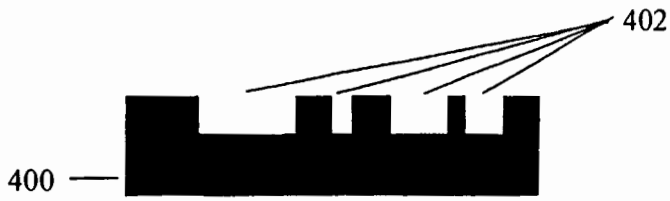


FIGURE 4a

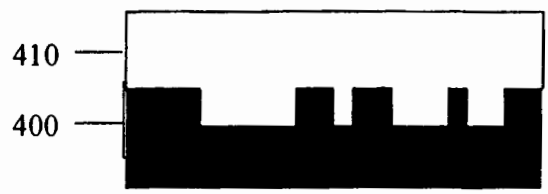


FIGURE 4b

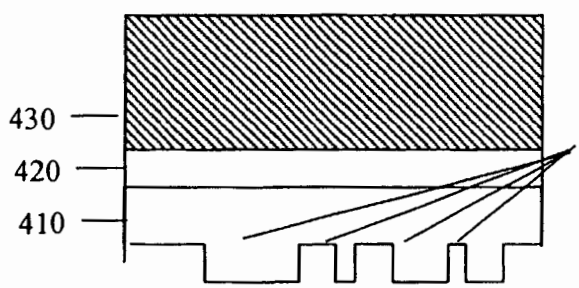
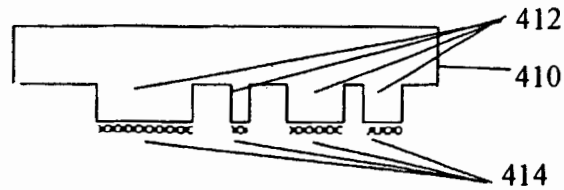




FIGURE 4c



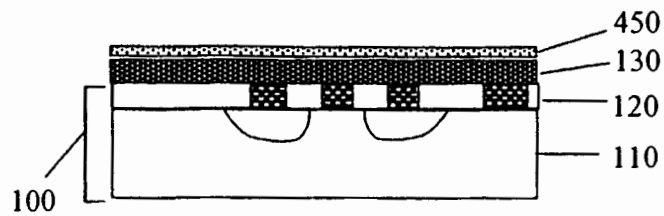


FIGURE 4d

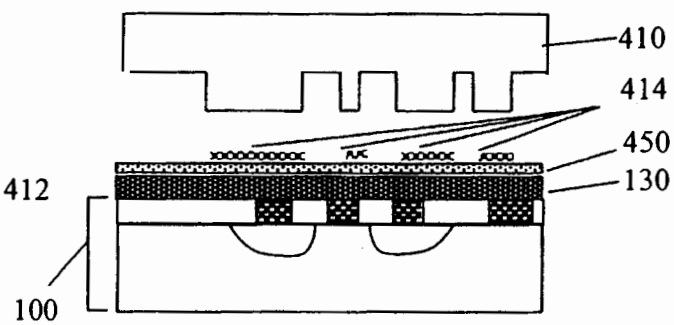


FIGURE 4e

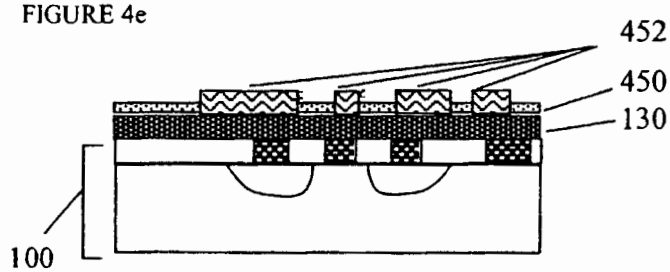


FIGURE 4f

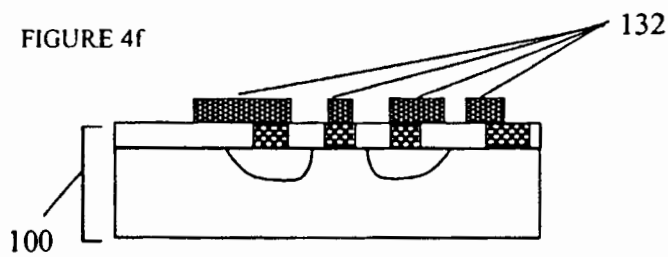


FIGURE 4g

FIGURE 4 (PRIOR ART)

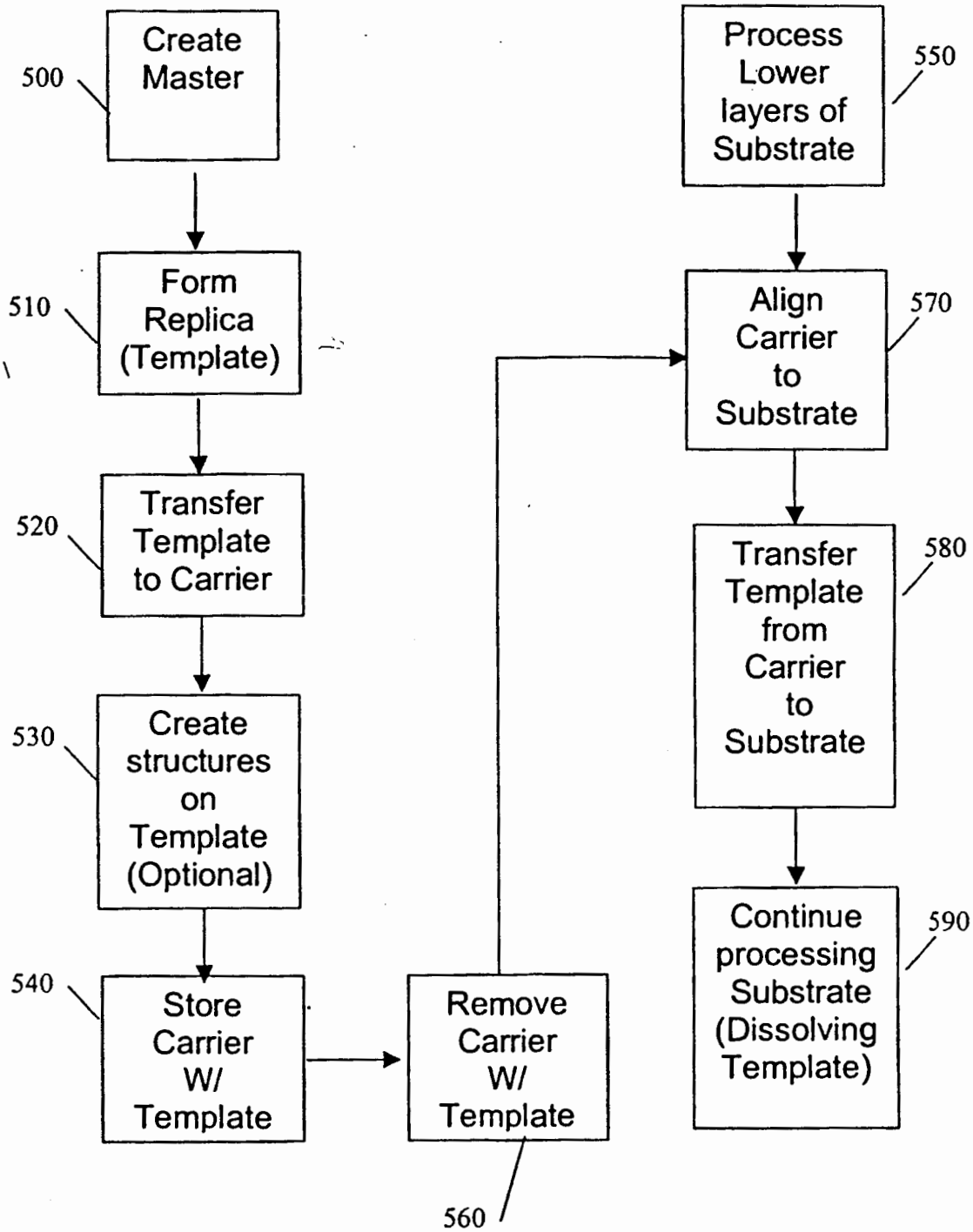

Create Master
500
Form Replica (Template)
510
Transfer Template to Carrier
520
Create structures on Template (Optional)
530
Store Carrier W/ Template
540
Remove Carrier W/ Template
560
Process Lower layers of Substrate
550
Align Carrier to Substrate
570
Transfer Template from Carrier to Substrate
580
Continue processing Substrate (Dissolving Template)
590

FIGURE 5

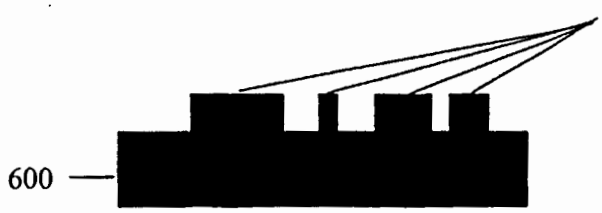


FIGURE 6a

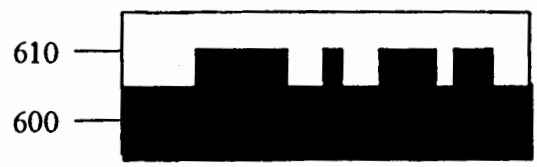


FIGURE 6b

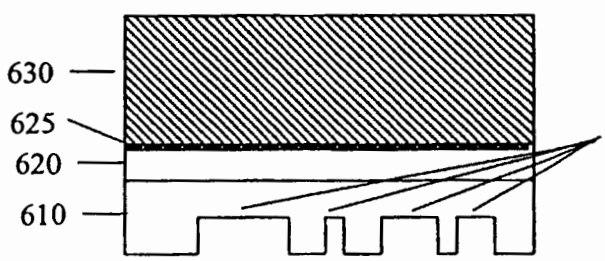




FIGURE 6c

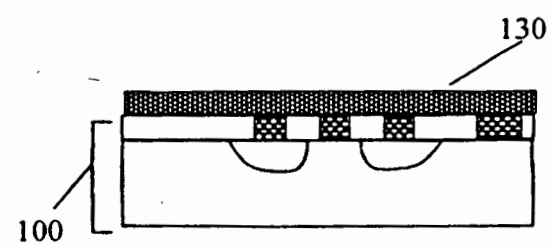


FIGURE 6d

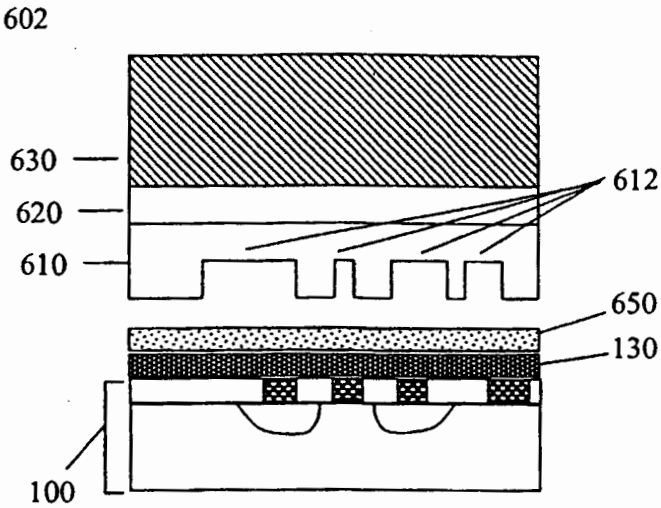


FIGURE 6e

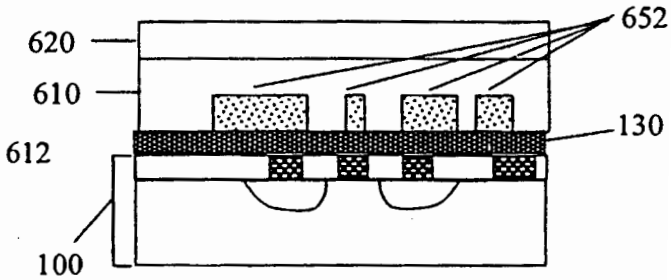


FIGURE 6f

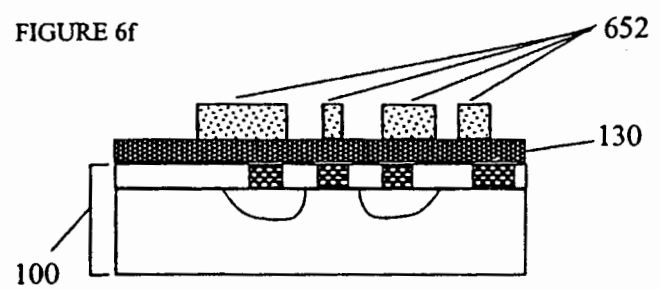


FIGURE 6g

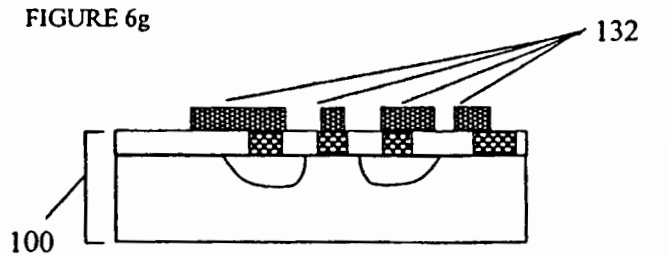


FIGURE 6h

FIGURE 6

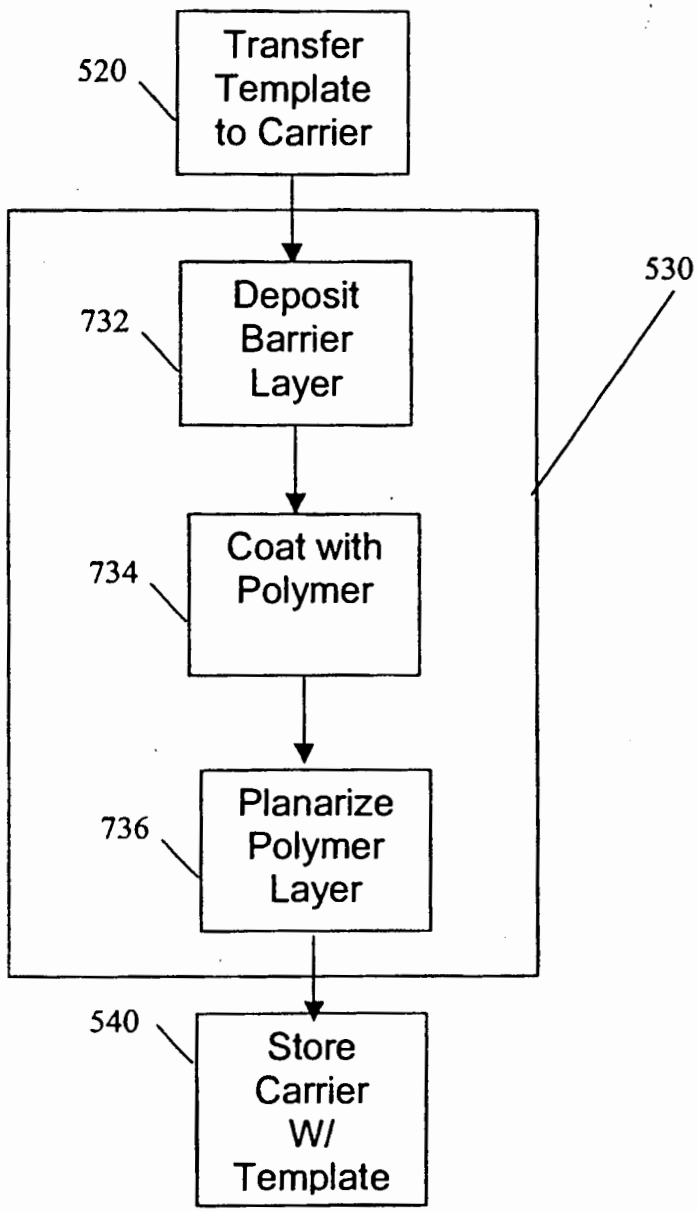

520
Transfer Template to Carrier
530
732
Deposit Barrier Layer
734
Coat with Polymer
736
Planarize Polymer Layer
540
Store Carrier W/ Template

FIGURE 7

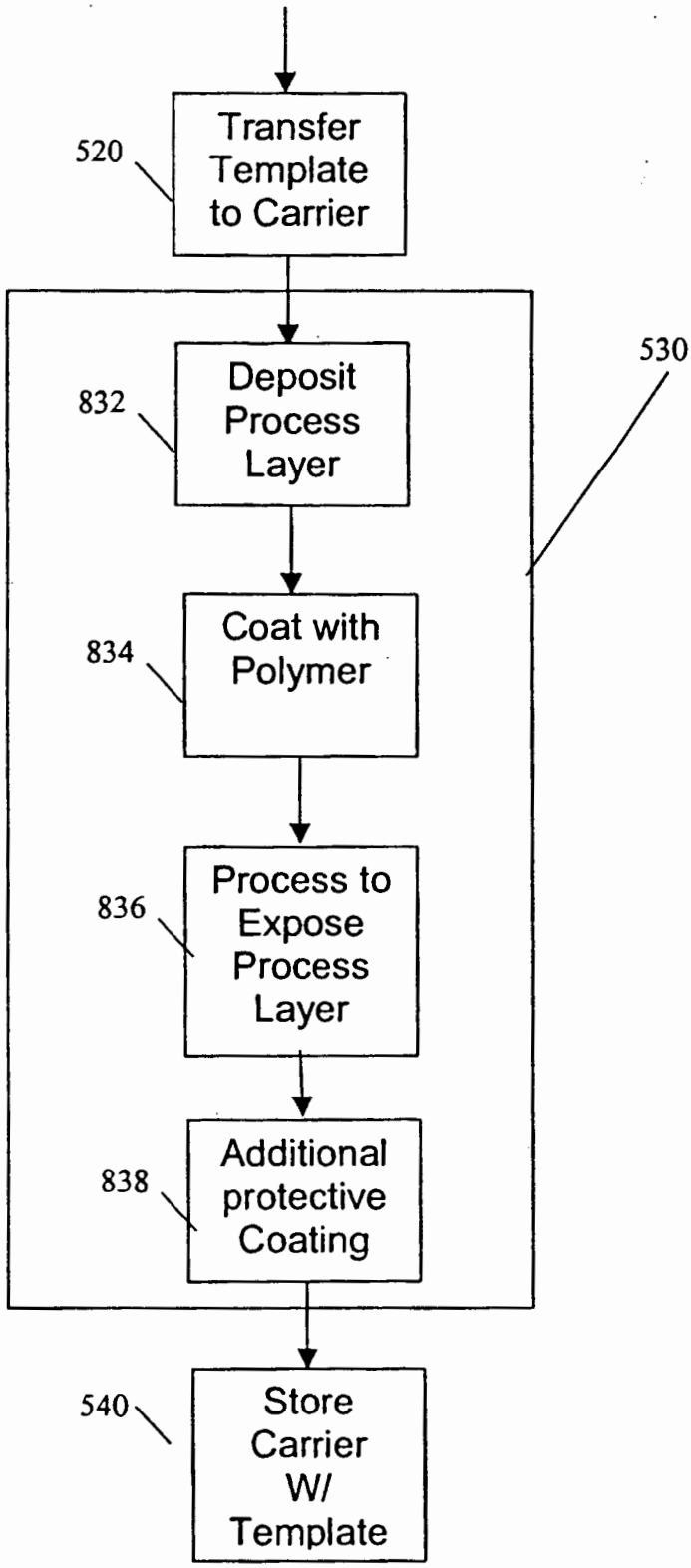

Transfer Template to Carrier
520
530
Deposit Process Layer
832
Coat with Polymer
834
Process to Expose Process Layer
836
Additional protective Coating
838
Store Carrier W/ Template
540

FIGURE 8

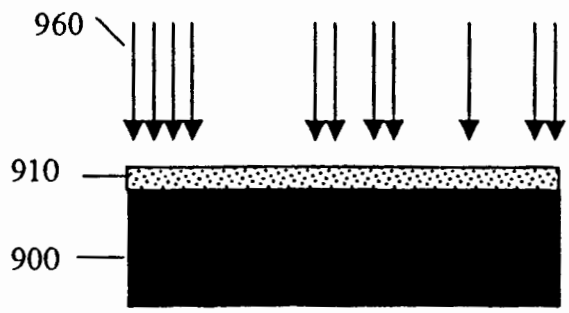


FIGURE 9a

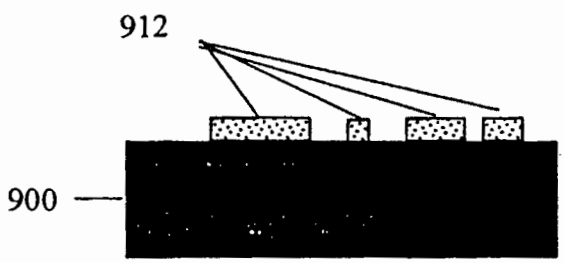


FIGURE 9b

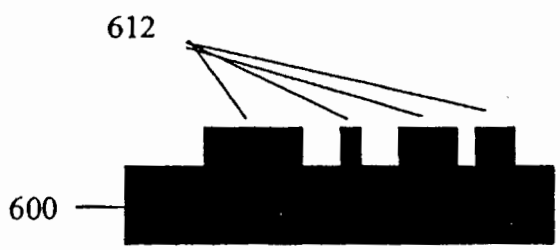


FIGURE 9c

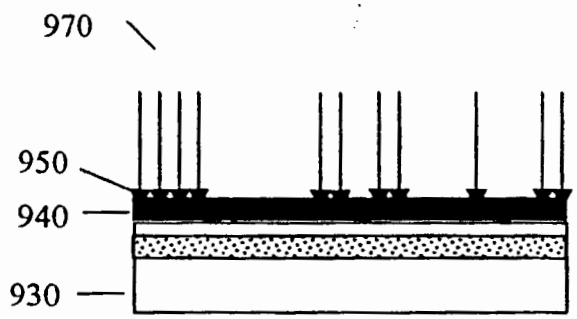


FIGURE 9d

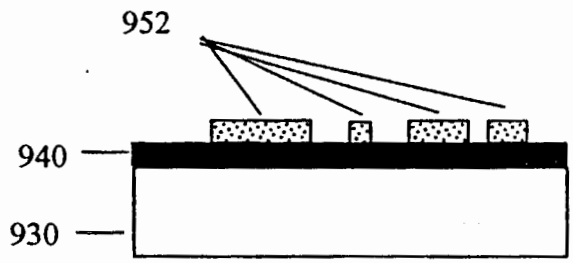


FIGURE 9e

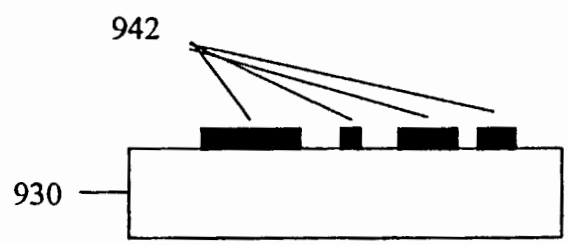


FIGURE 9f

FIGURE 9

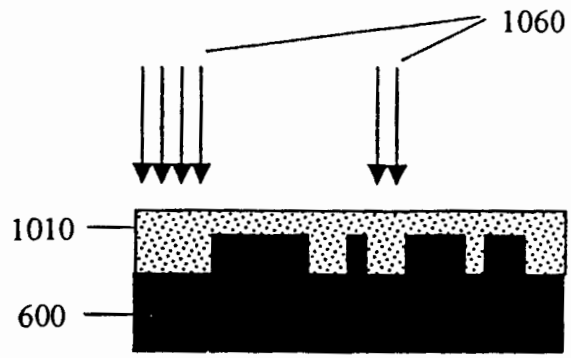


FIGURE 10a

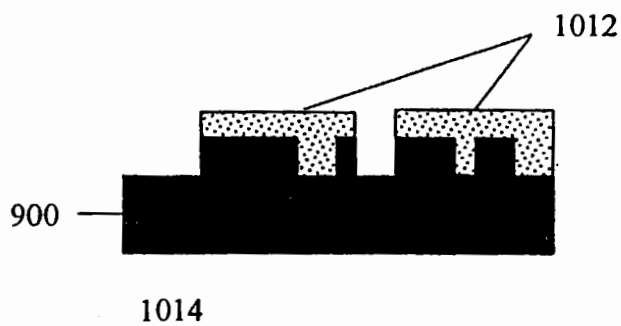


FIGURE 10b

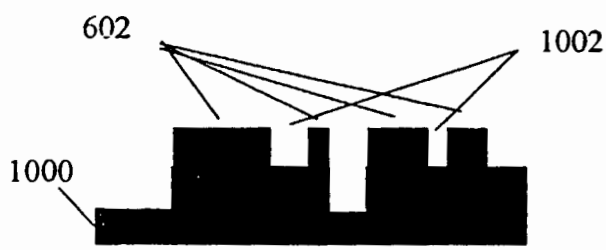


FIGURE 10c

FIGURE 10

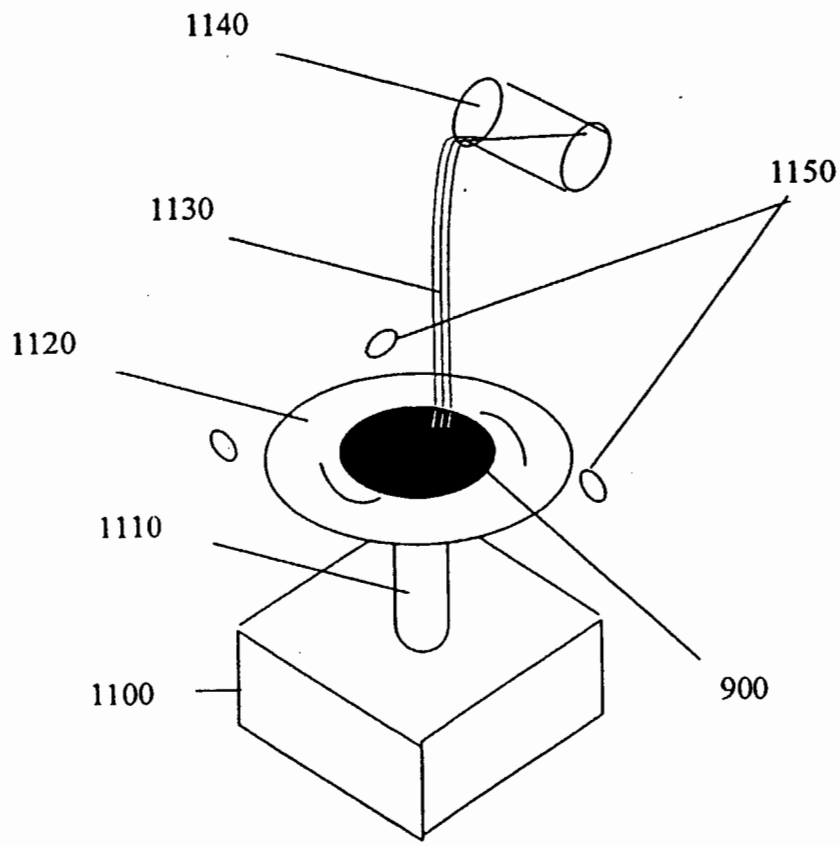


FIGURE 11

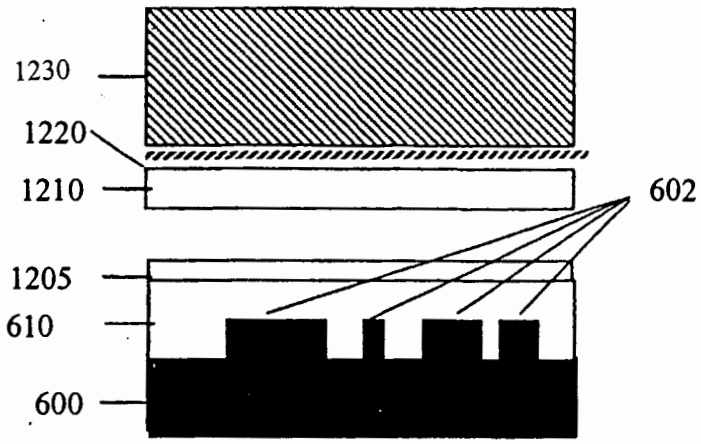


FIGURE 12a

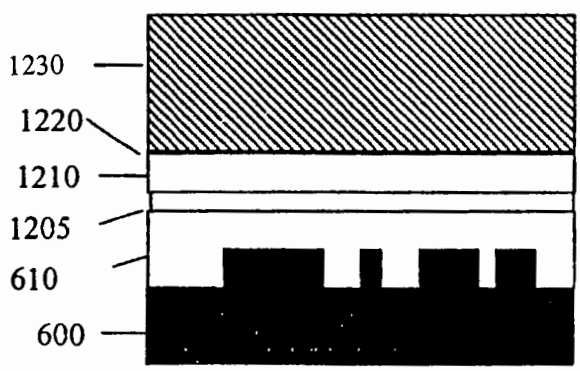


FIGURE 12b

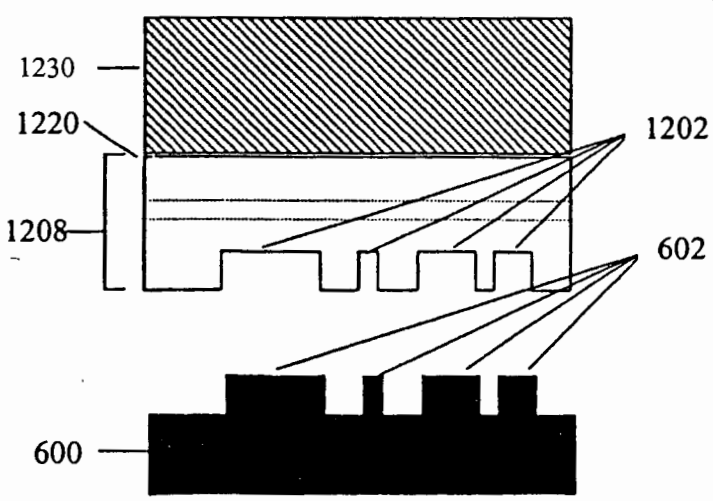
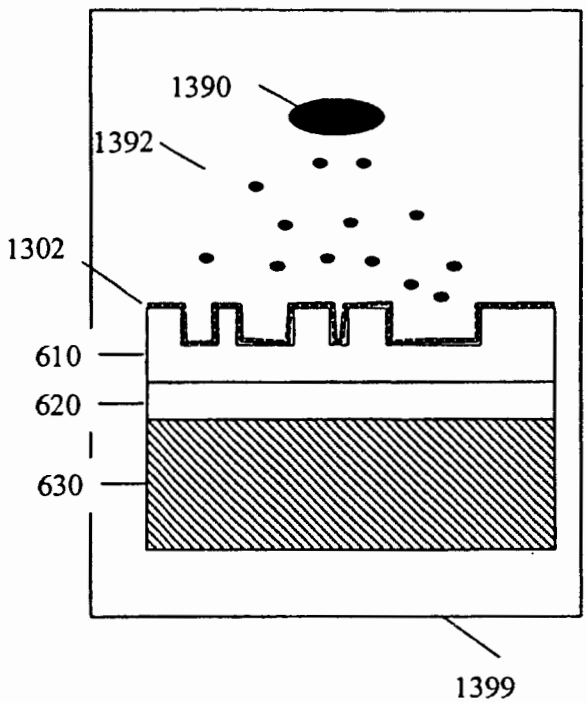


FIGURE 12c

FIGURE 12



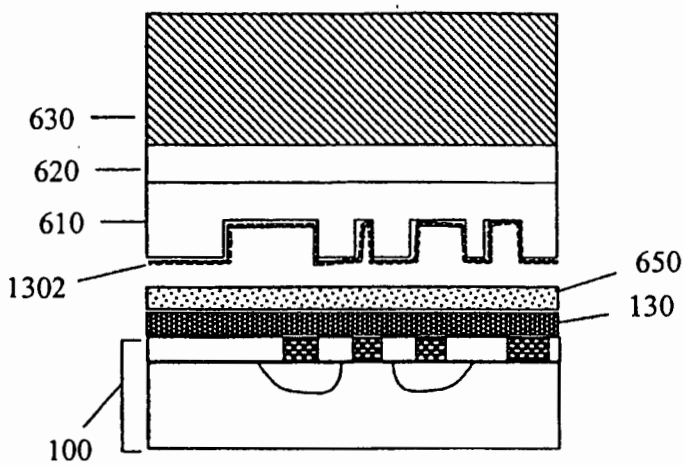


FIGURE 13b

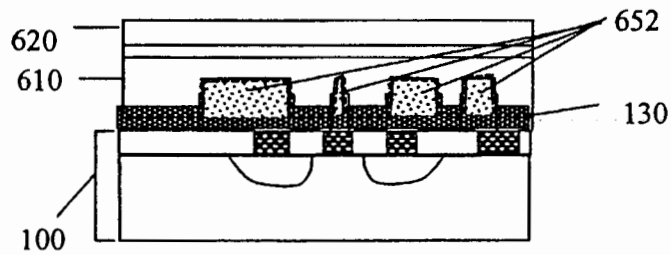


FIGURE 13c

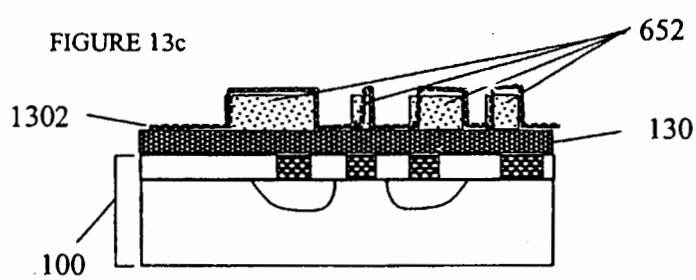


FIGURE 13d

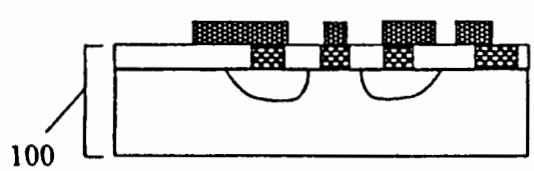


FIGURE 13e

FIGURE 13

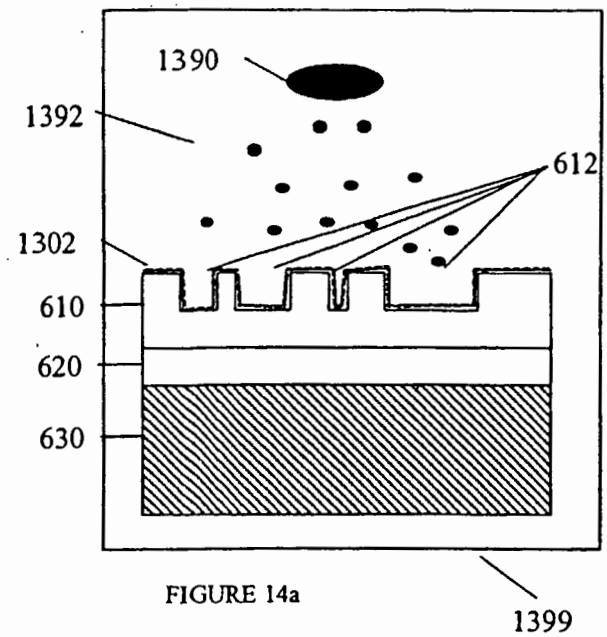


FIGURE 14a

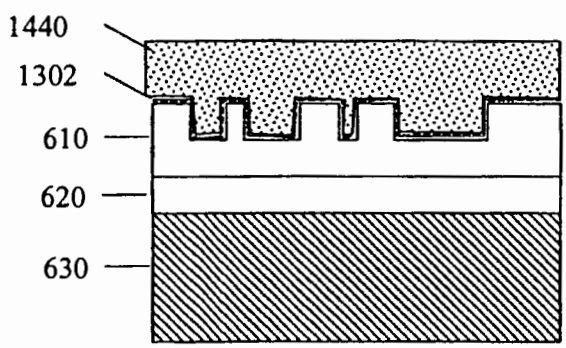


FIGURE 14b

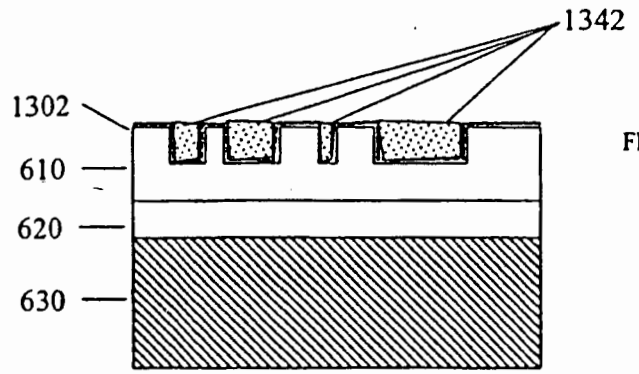


FIGURE 14c

FIGURE 14

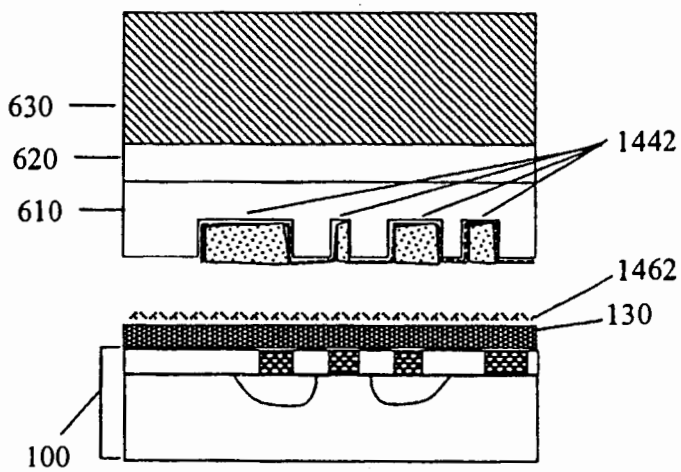


FIGURE 14d

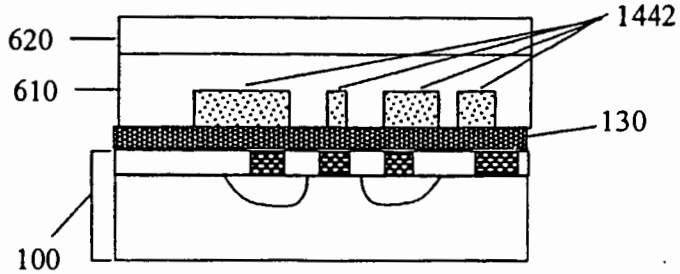


FIGURE 14e

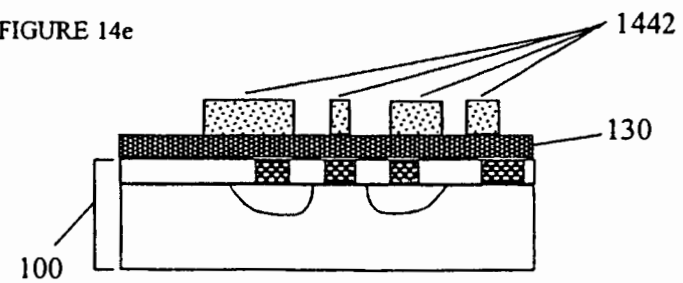


FIGURE 14f

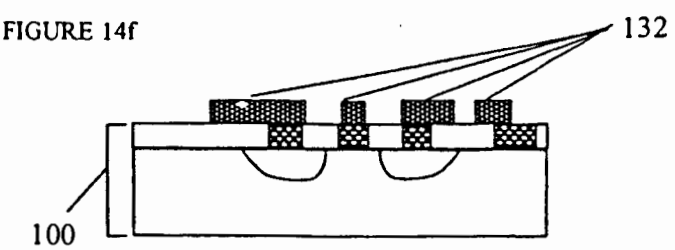


FIGURE 14g

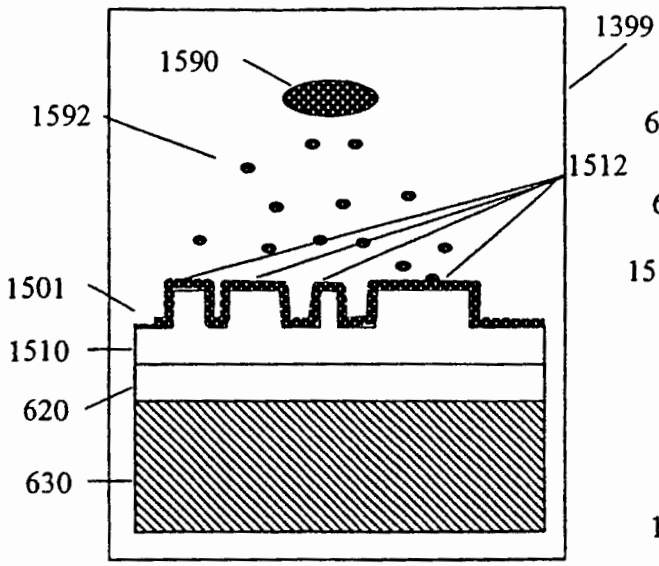


FIGURE 15a

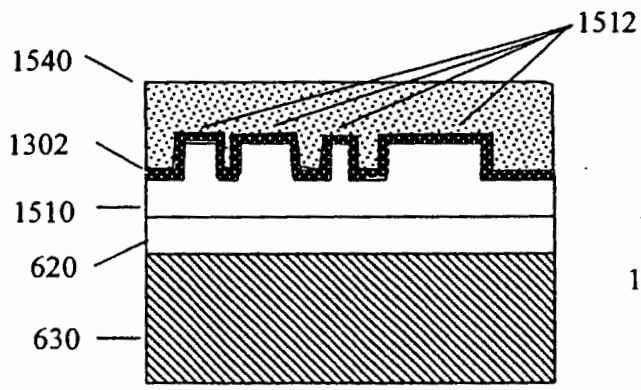


FIGURE 15b

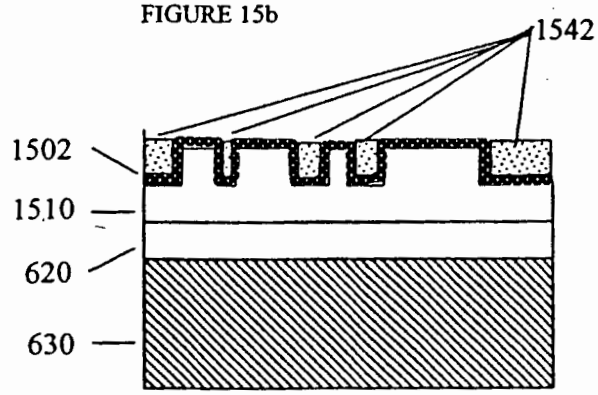


FIGURE 15c

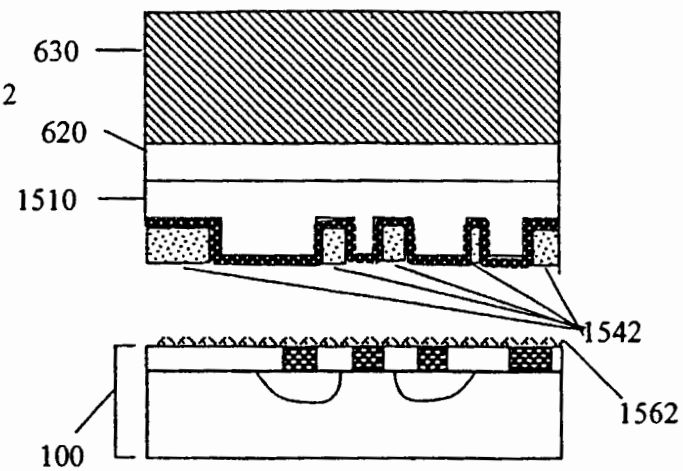


FIGURE 15d

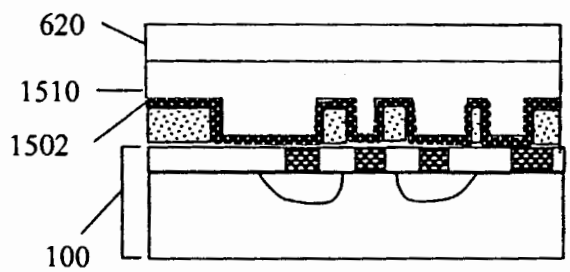


FIGURE 15f

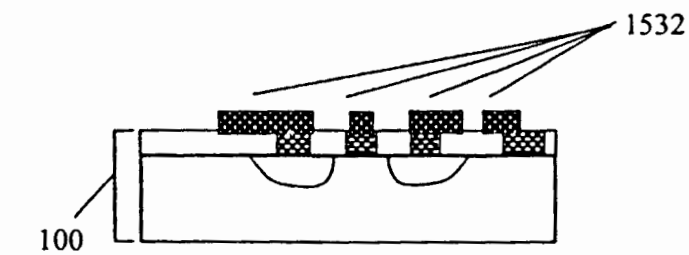


FIGURE 15g

FIGURE 15

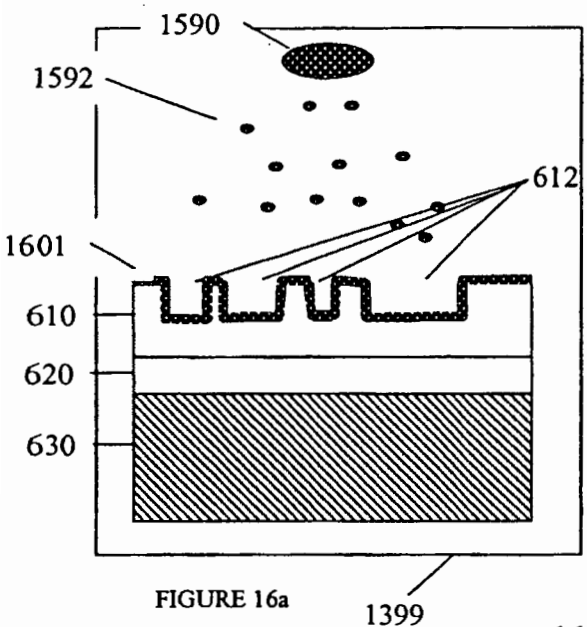


FIGURE 16a

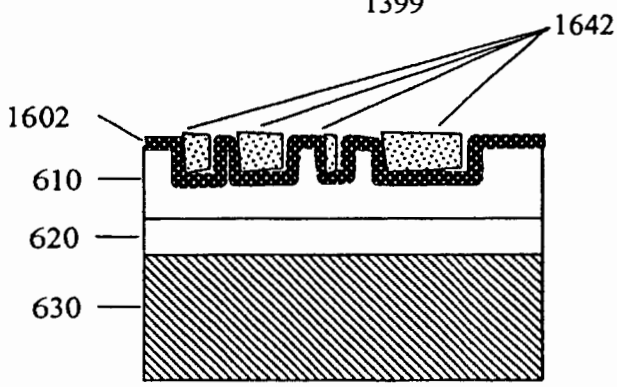


FIGURE 16b

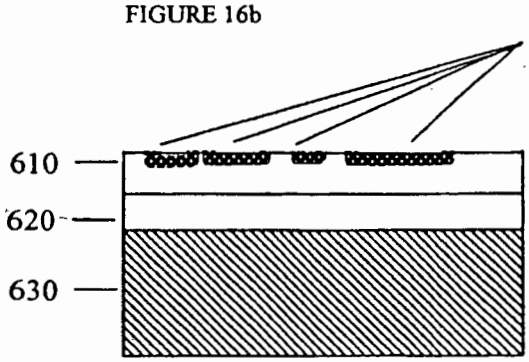


FIGURE 16c

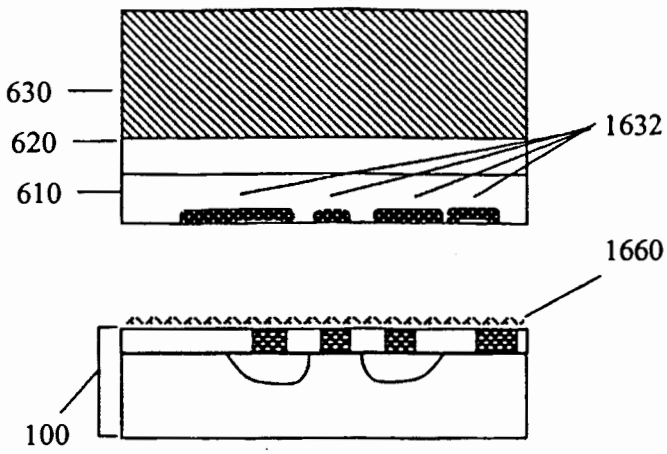


FIGURE 16d

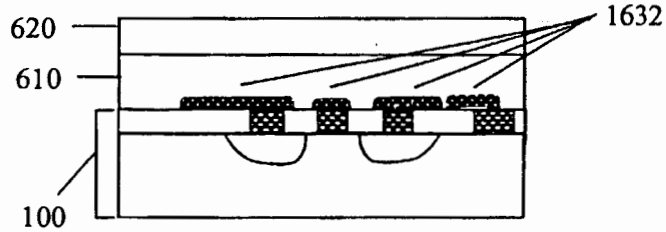


FIGURE 16e

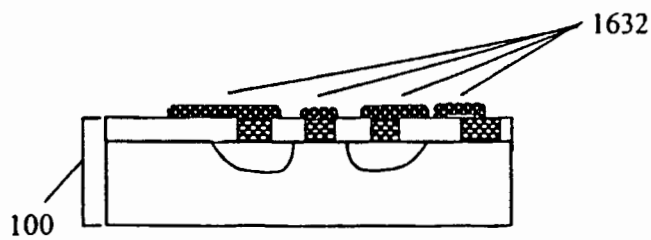


FIGURE 16f

FIGURE 16