

Fig. 1

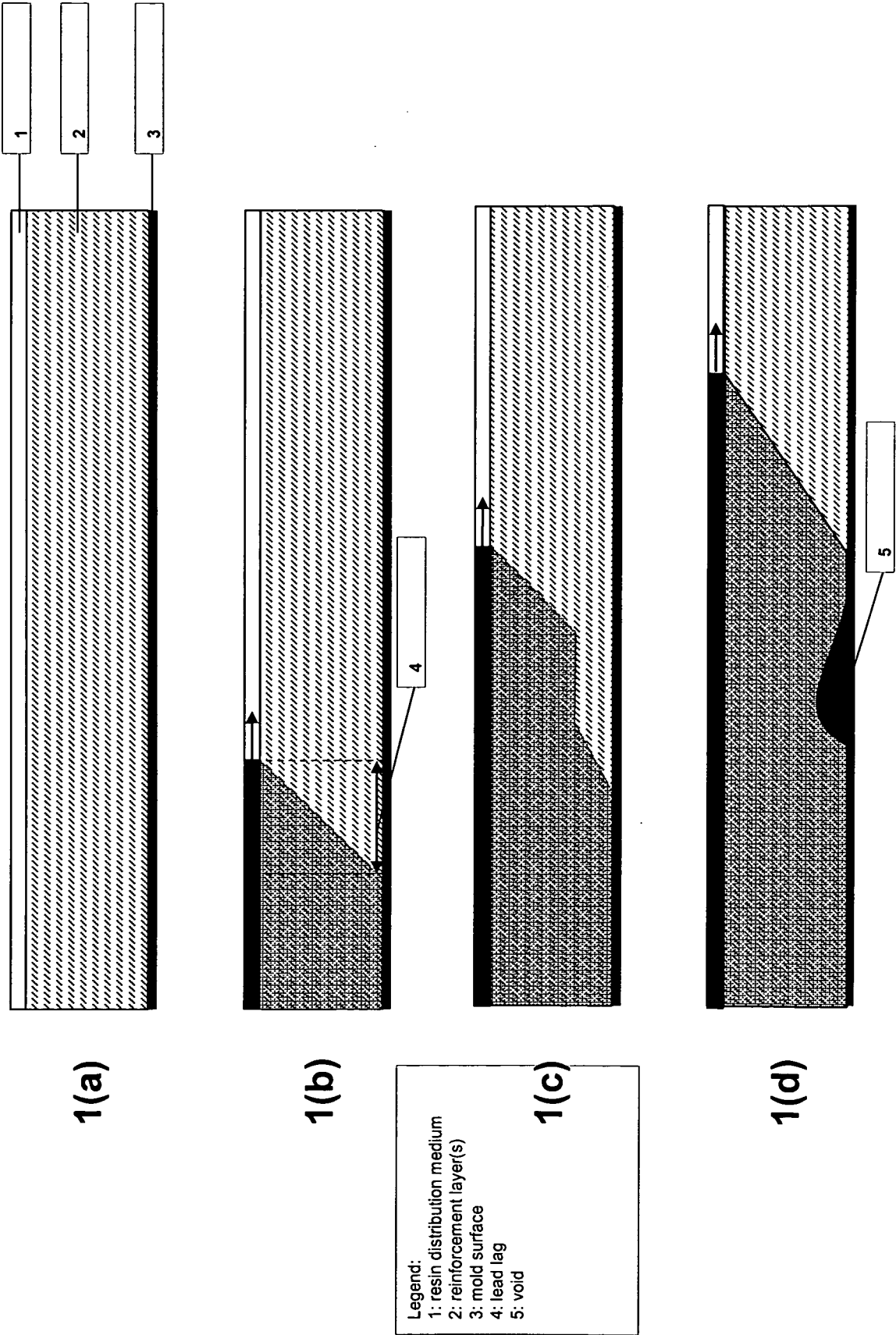
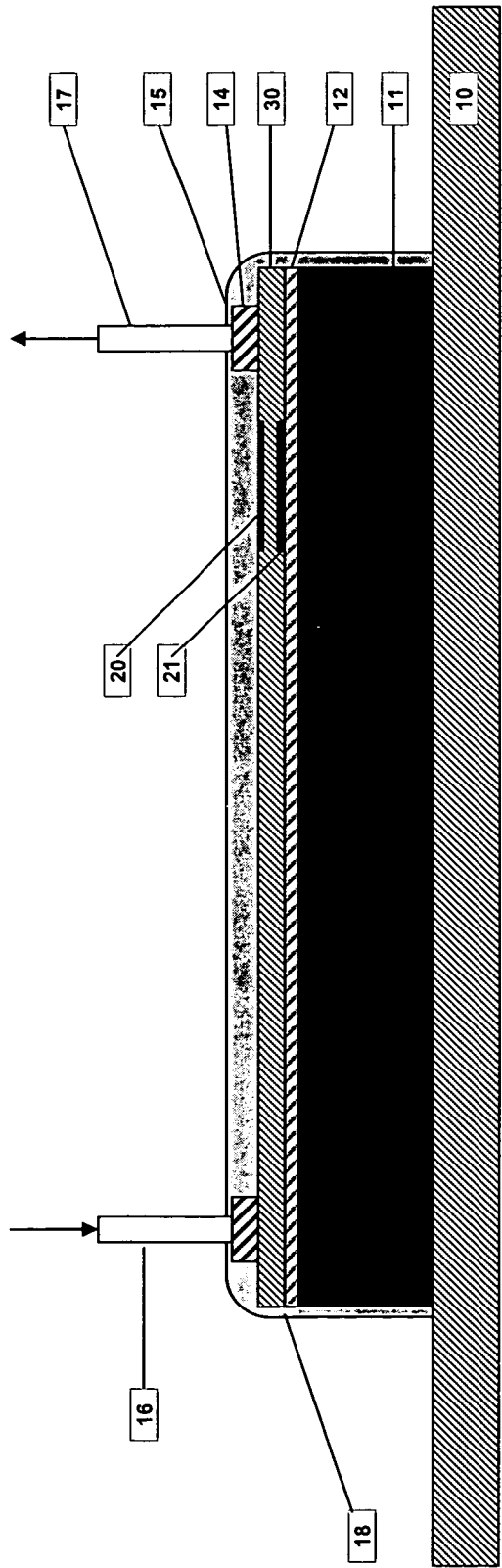


Fig. 2



- 10: Mold surface
- 11: Fibrous reinforcement (preform)
- 12: Peel ply
- 14: Secondary resin distribution media
- 15: Vacuum bag
- 16: Resin Inlet
- 17: Vacuum outlet
- 18: air-tight cavity
- 20: Resin flow control structure (above)
- 21: Resin flow control structure (below)
- 30: Resin distribution media

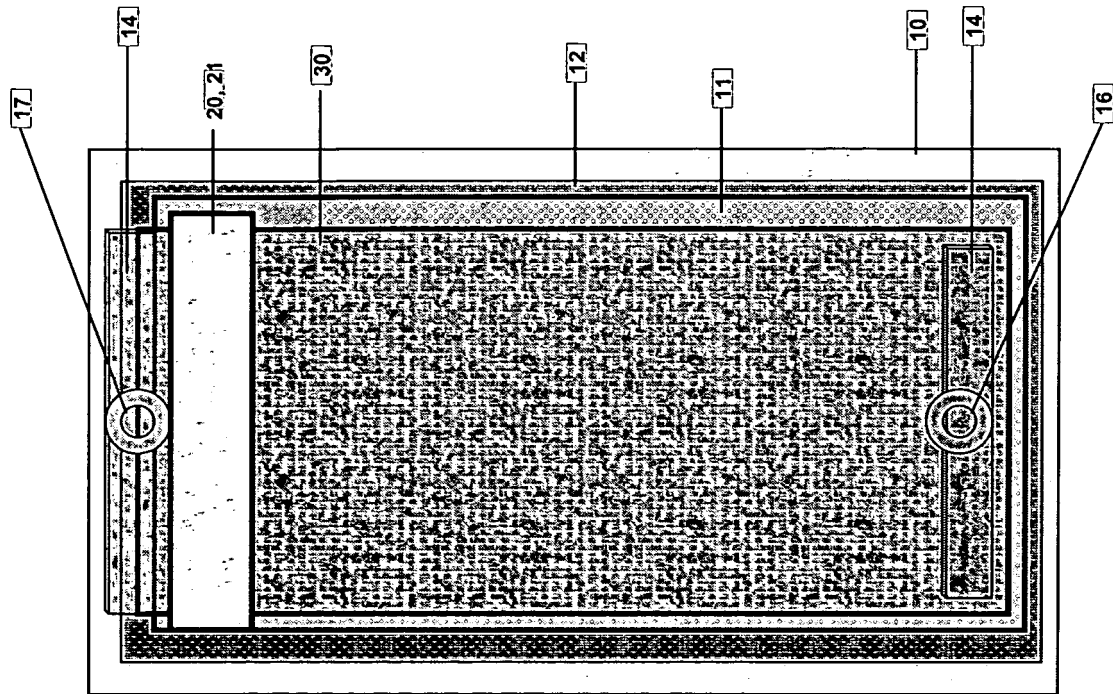
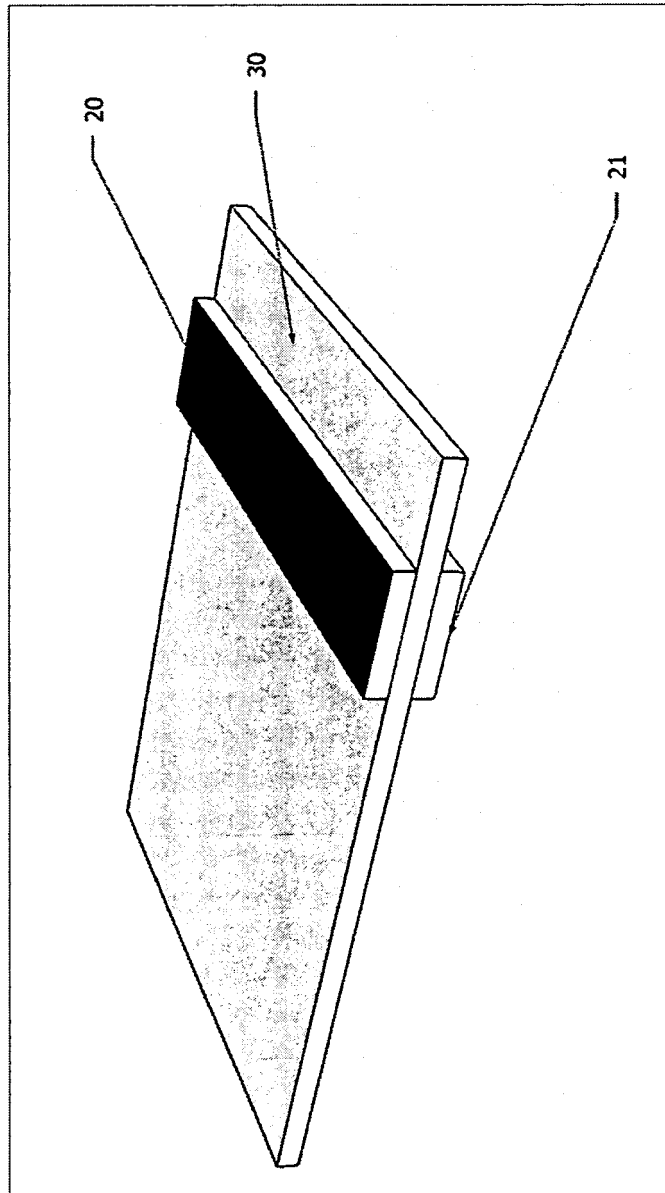


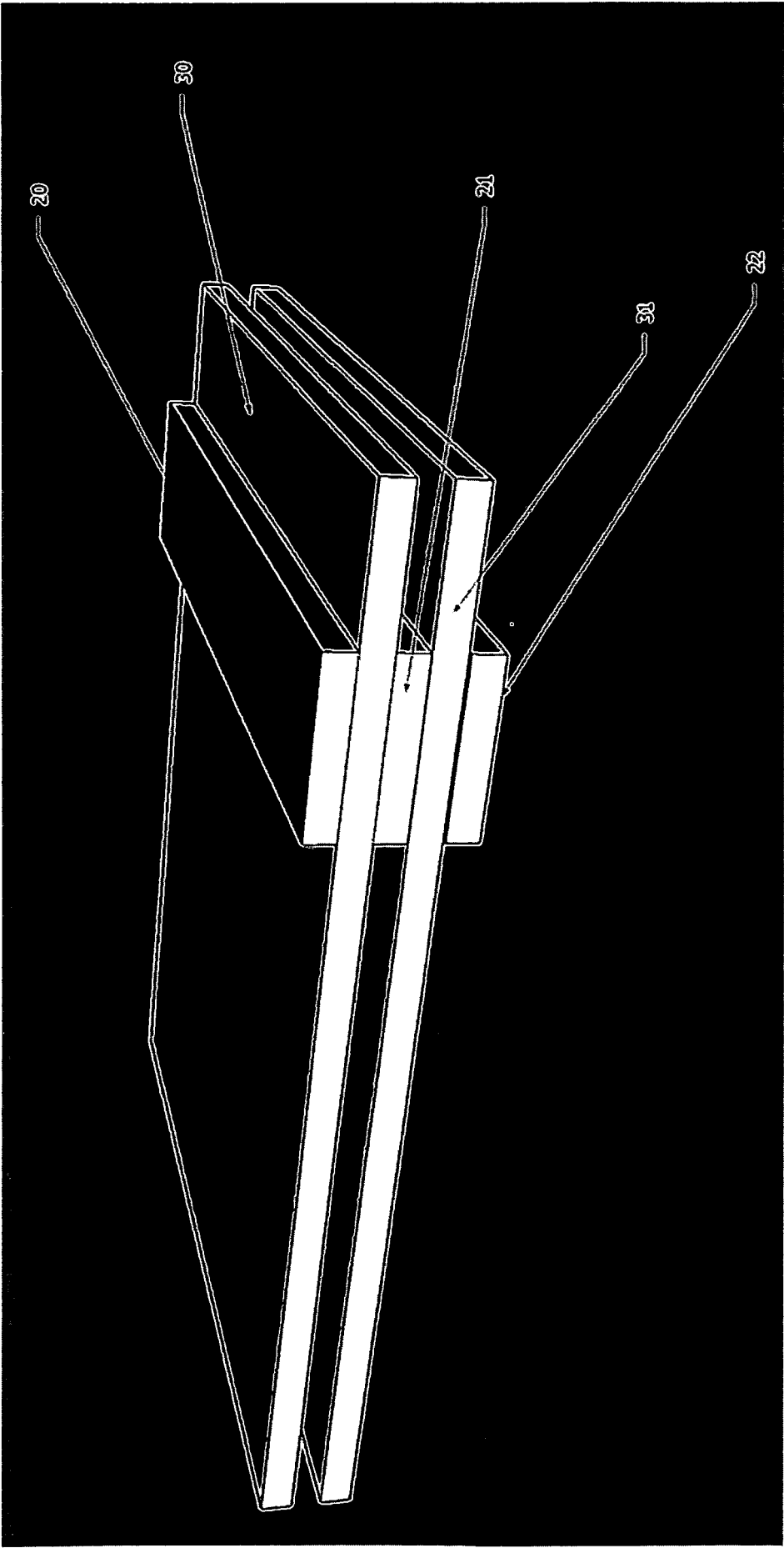
Fig. 3

- 10: Mold surface
- 11: Fibrous reinforcement (preform)
- 12: Peel ply
- 14: Secondary resin distribution media
- 16: Resin Inlet Port
- 17: Vacuum Outlet Port
- 18: air-tight cavity (not shown)
- 20: Resin flow control structure (above)
- 21: Resin flow control structure (below)
- 30: Resin distribution media

Fig. 4

20, 21: Resin flow control structures
30: Resin distribution media

Fig. 5



20, 21, 22: Resin flow control structures
30, 31: Resin distribution media

Fig. 6

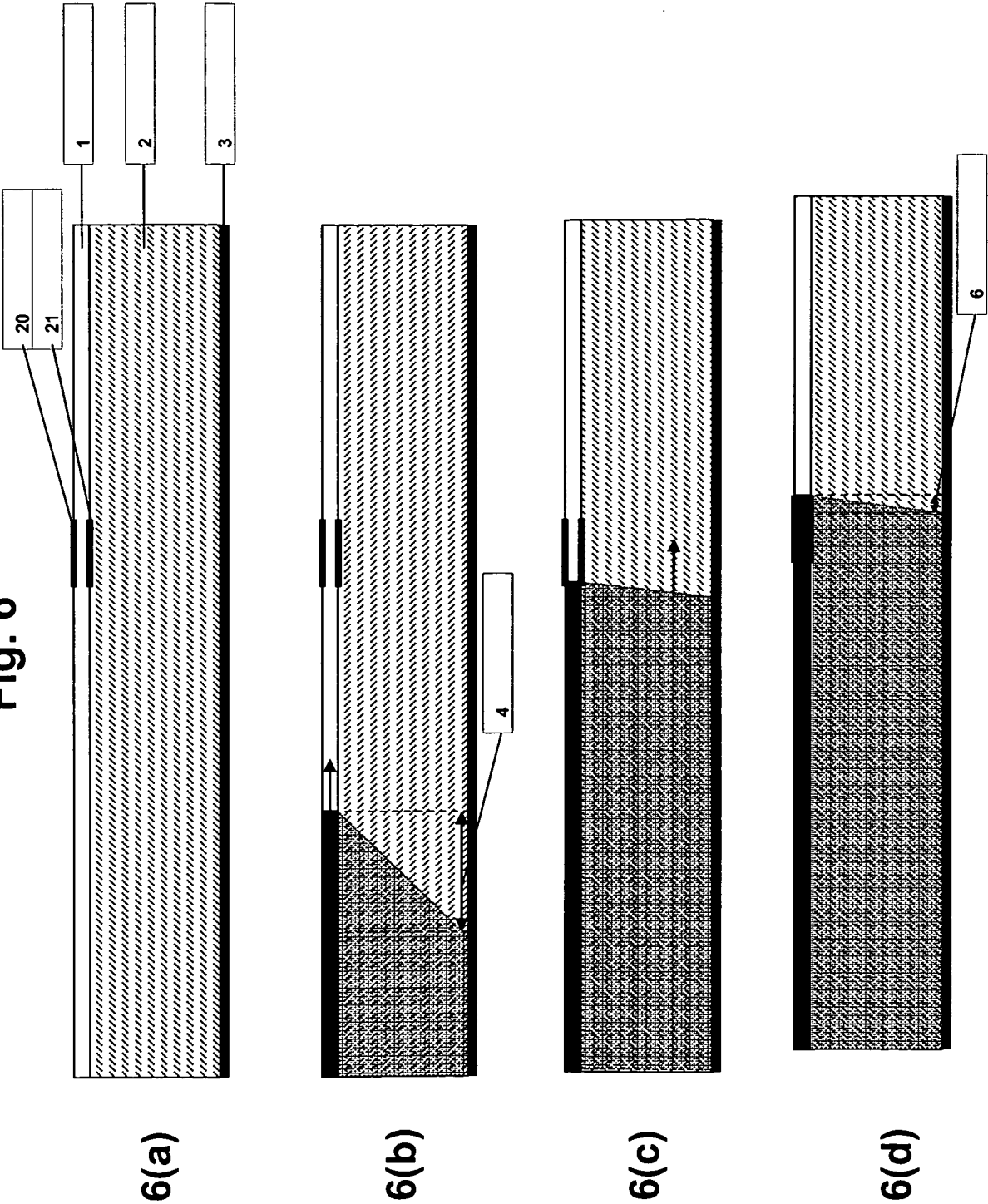


Fig. 7

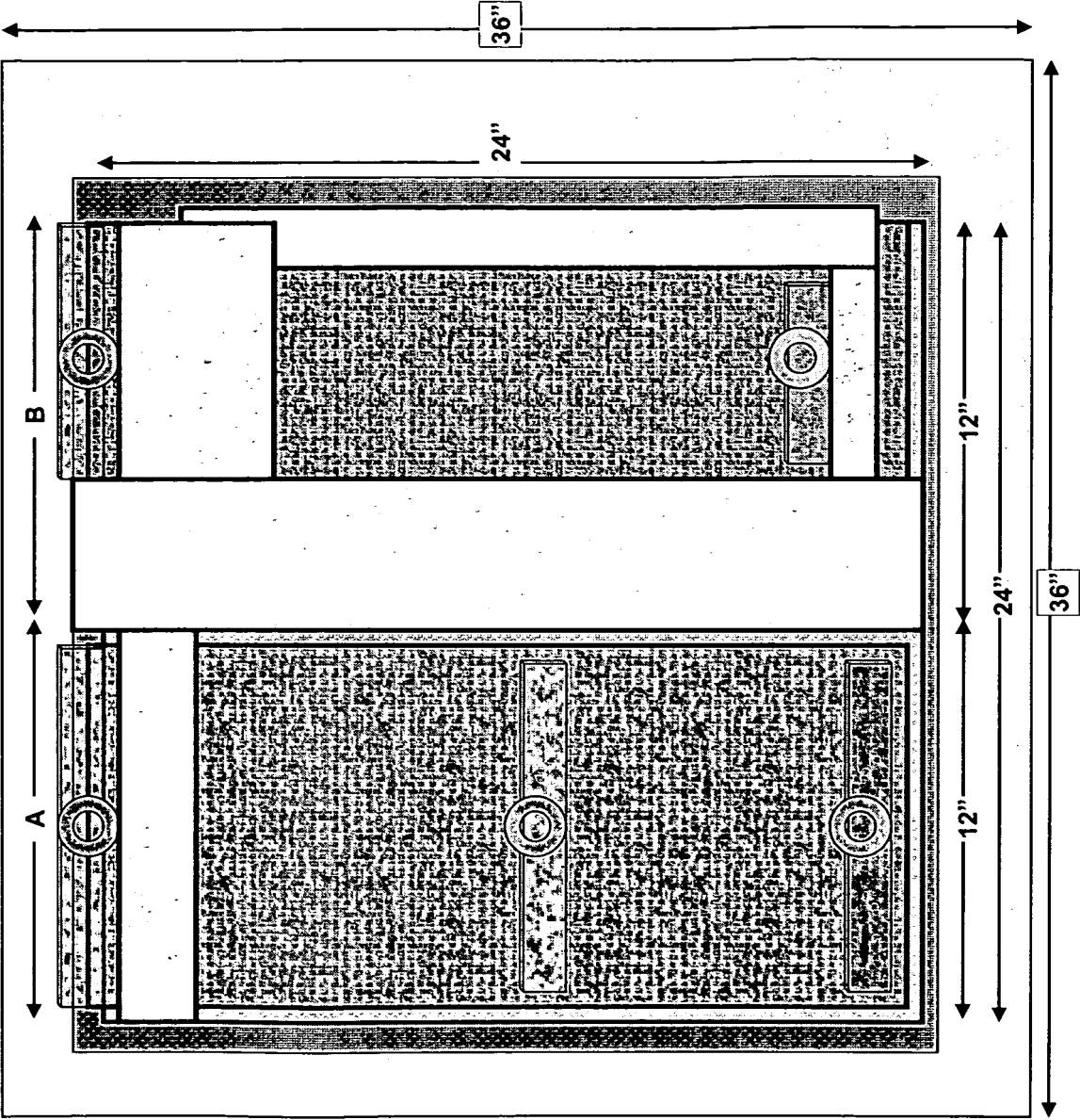


Fig. 7(a)

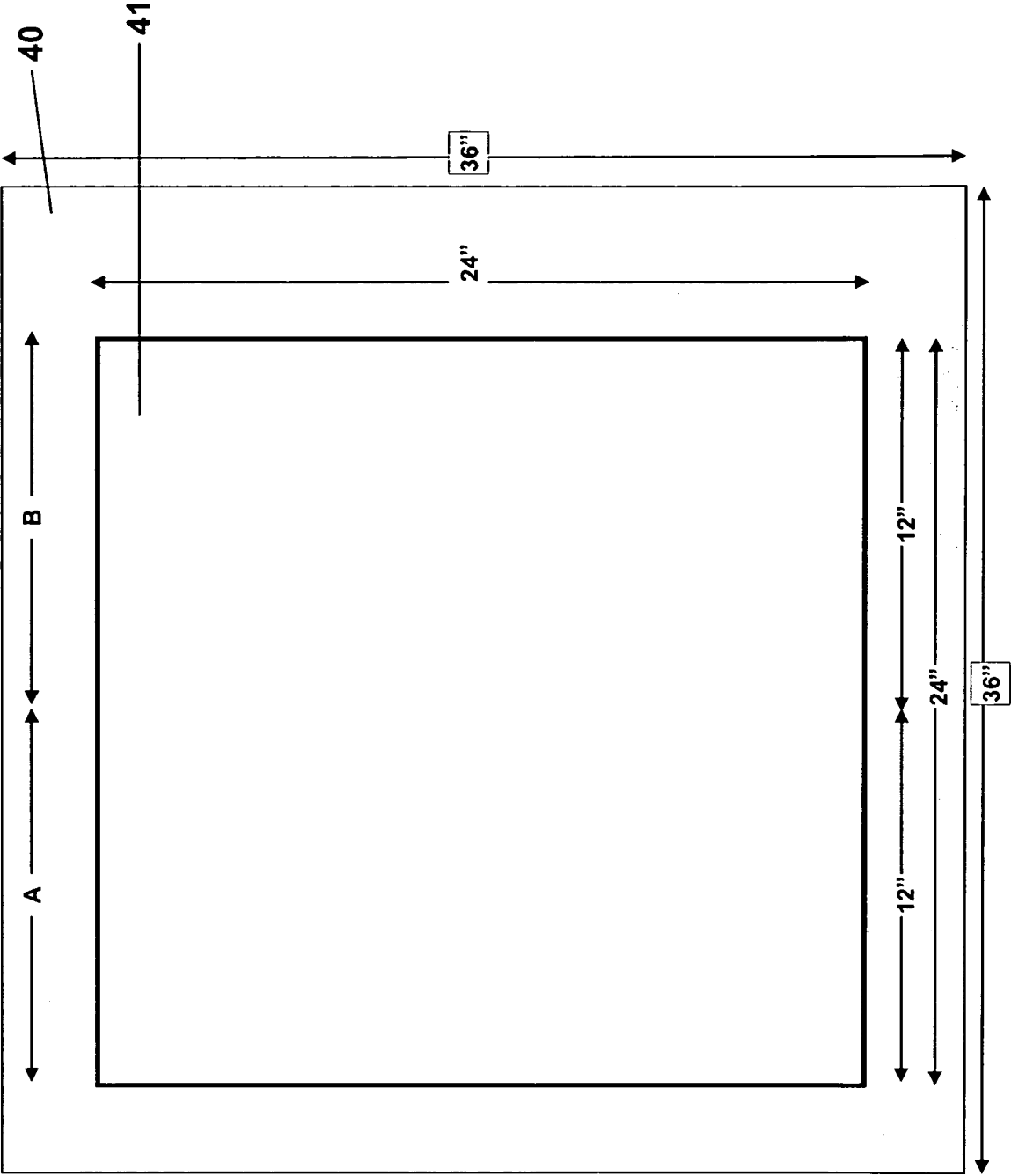


Fig. 7(b)

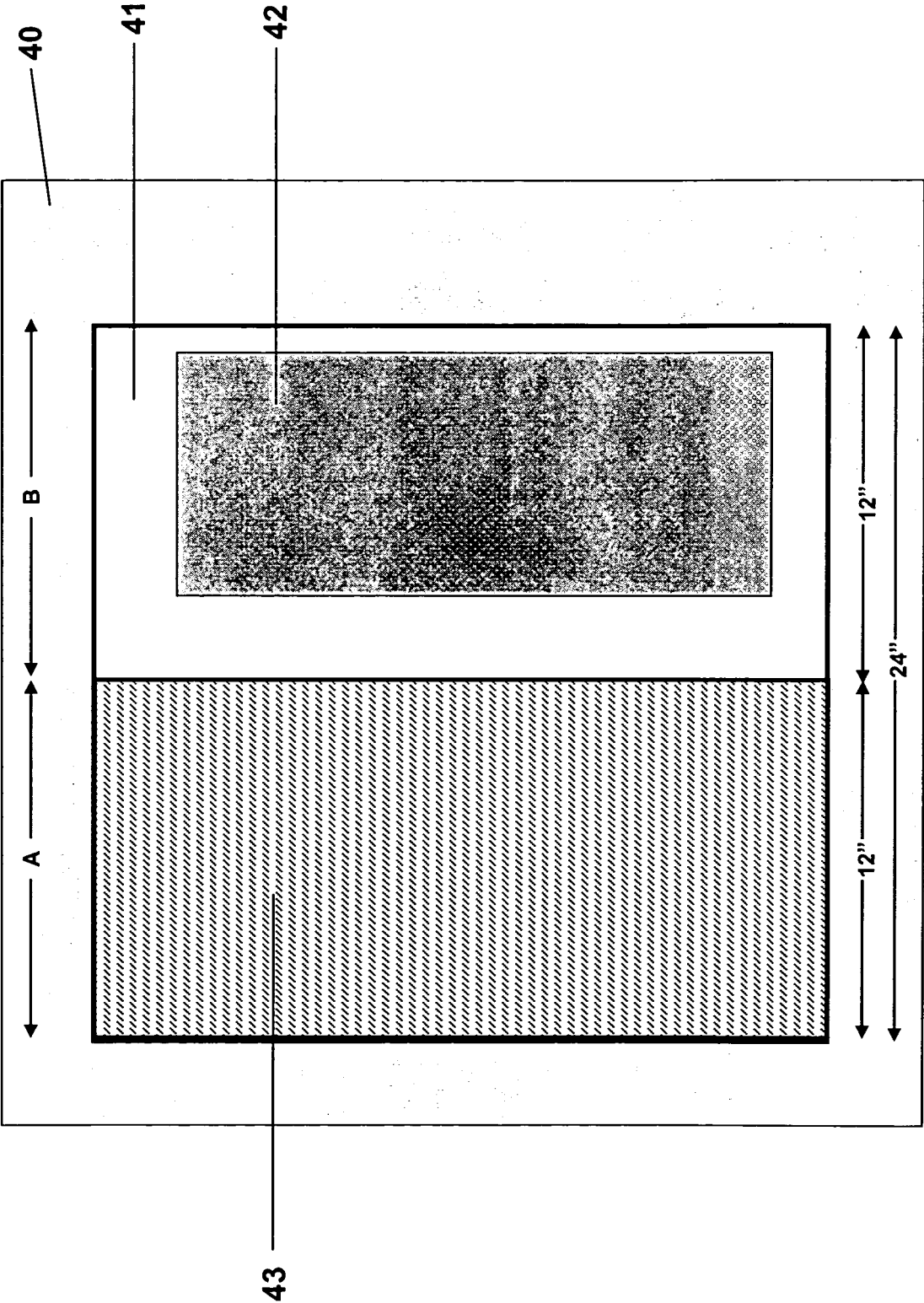


Fig. 7(c)

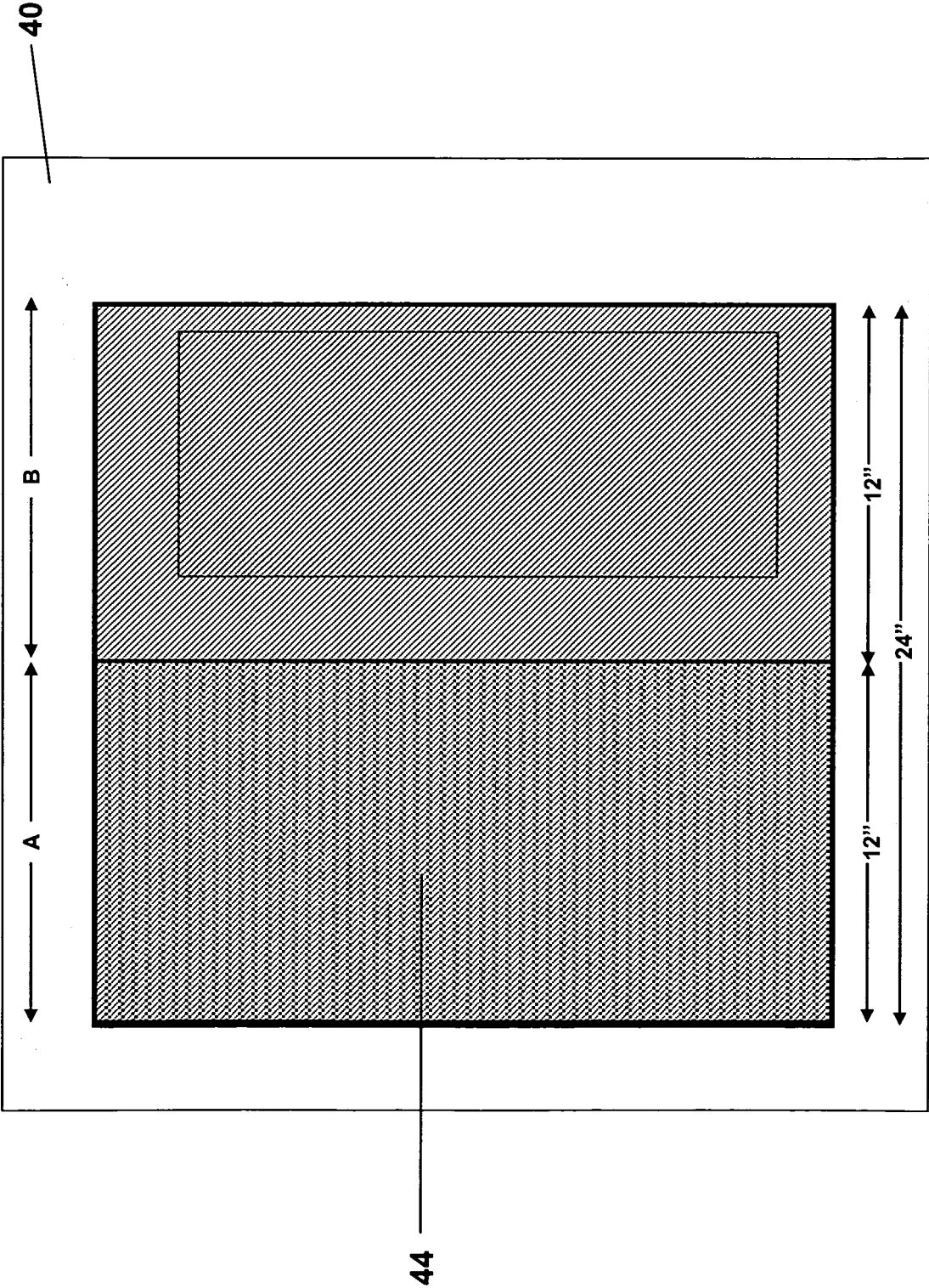


Fig. 7(d)

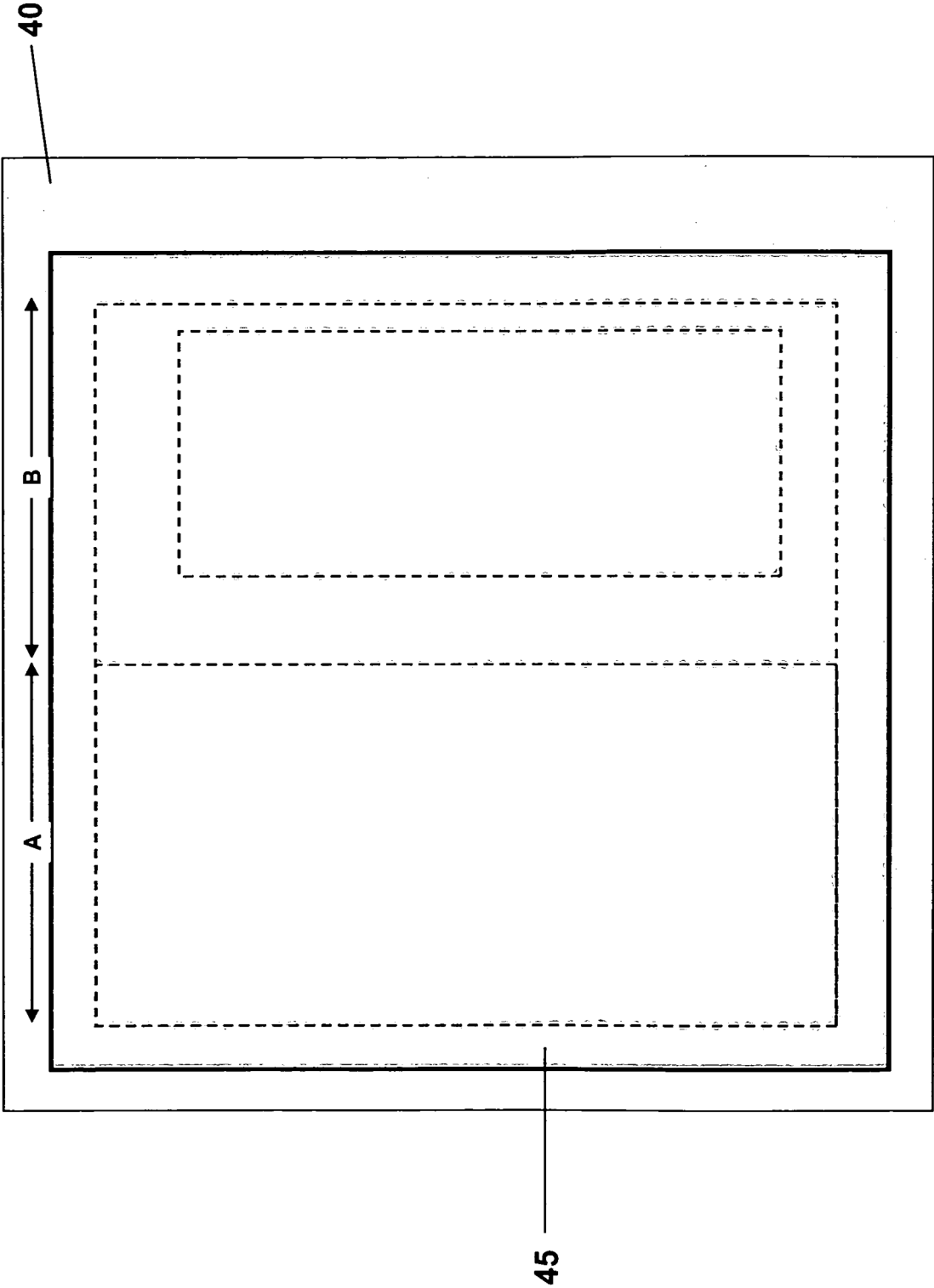


Fig. 7(e)

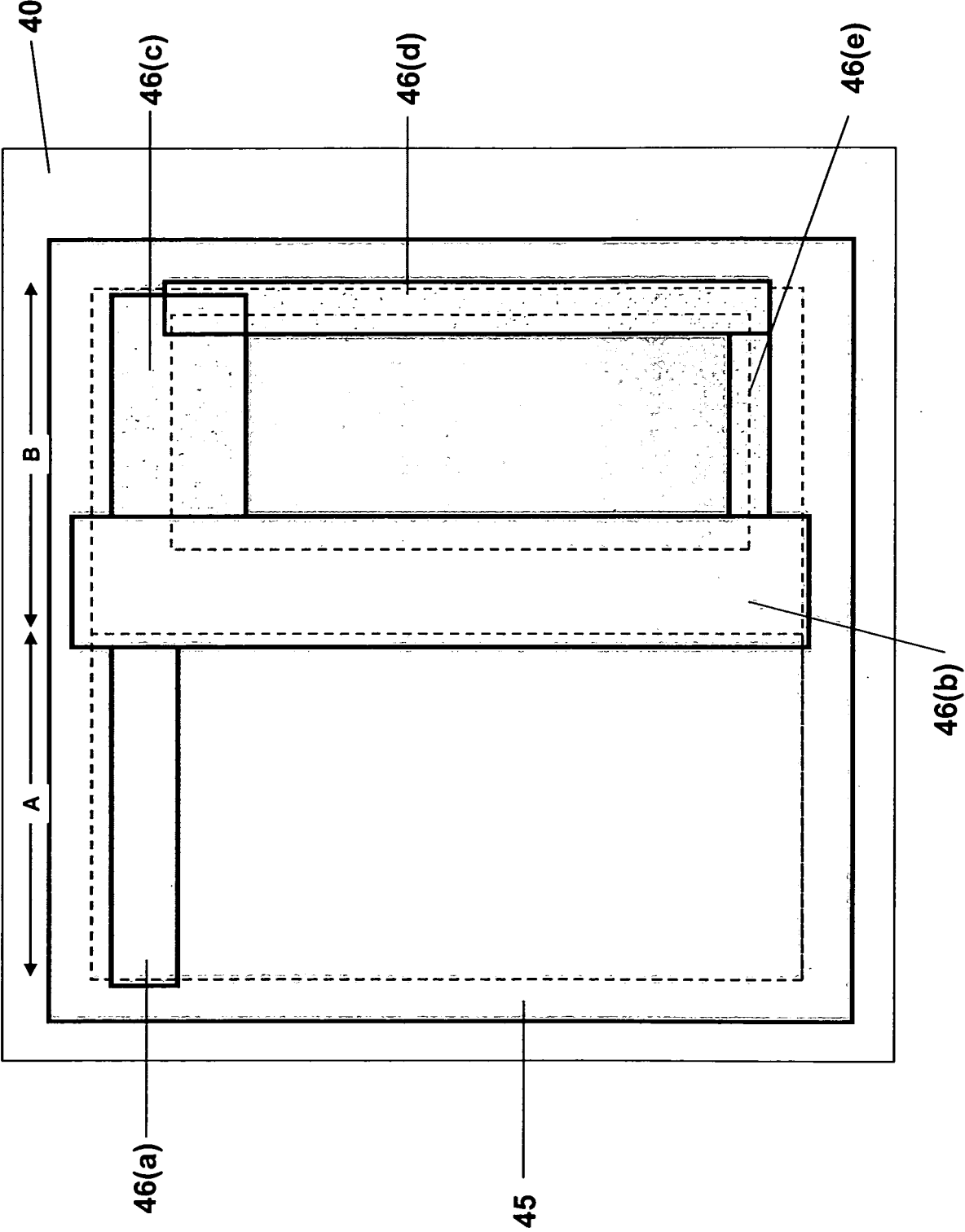


Fig. 7(f)

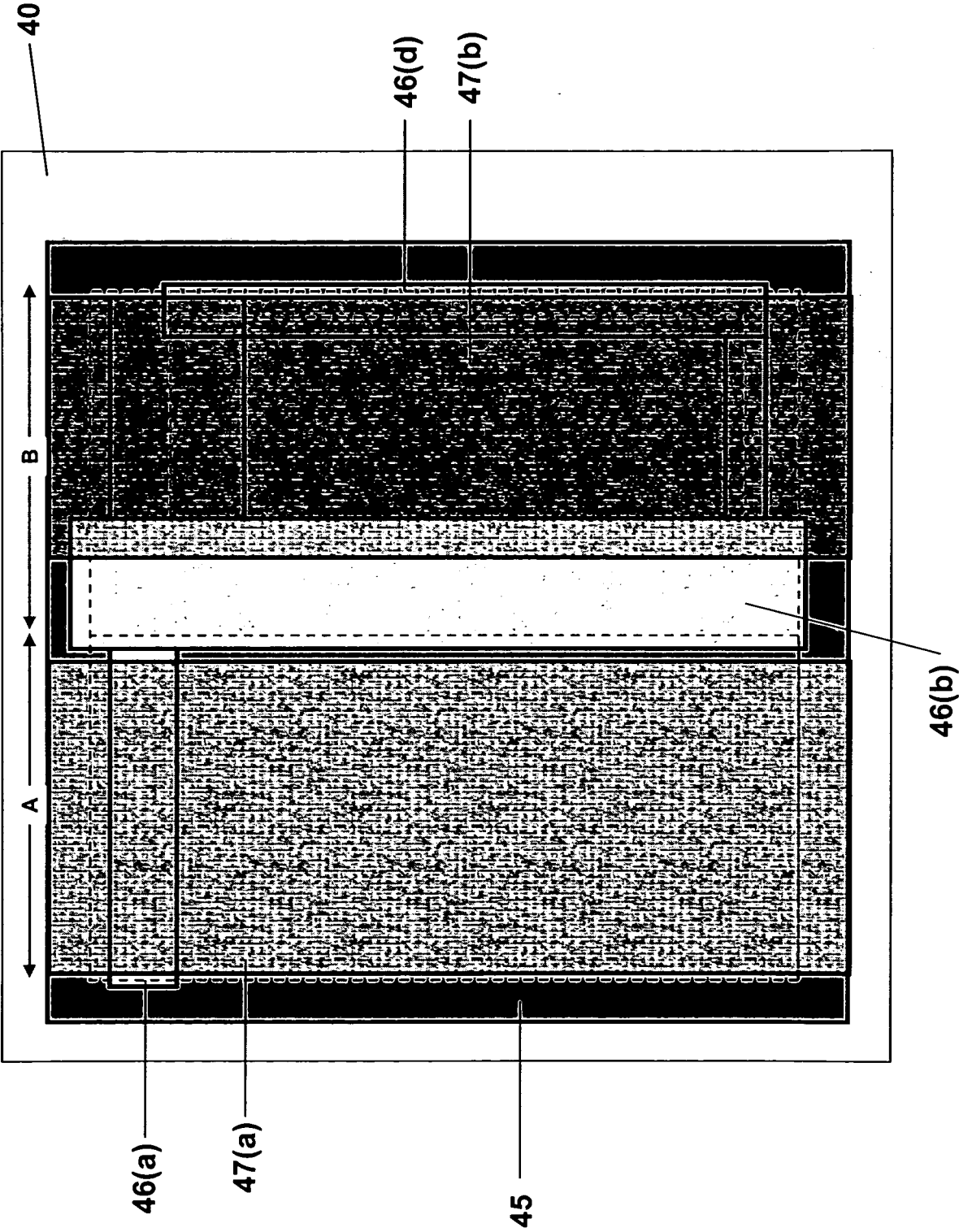


Fig. 7(g)

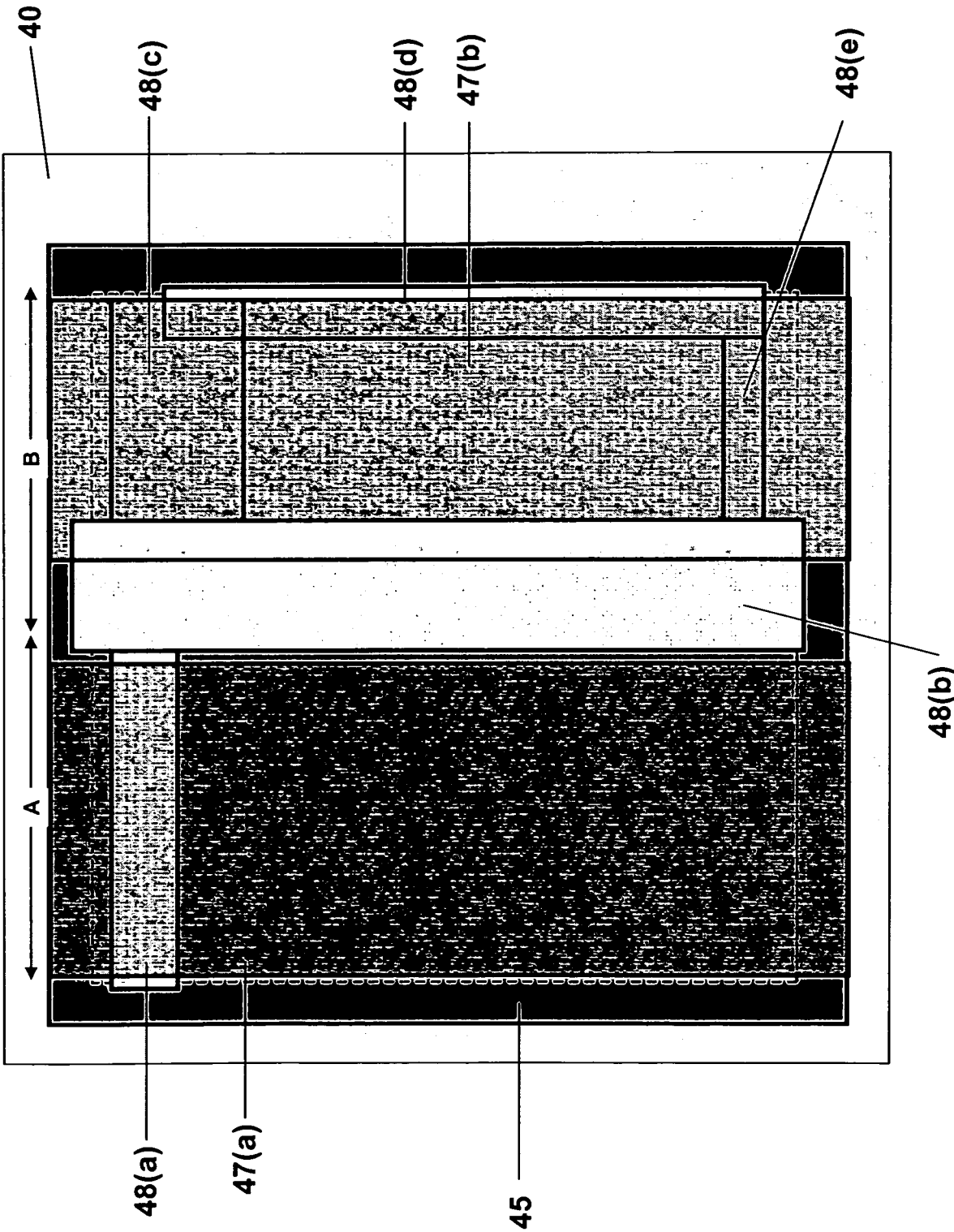


Fig. 7(h)

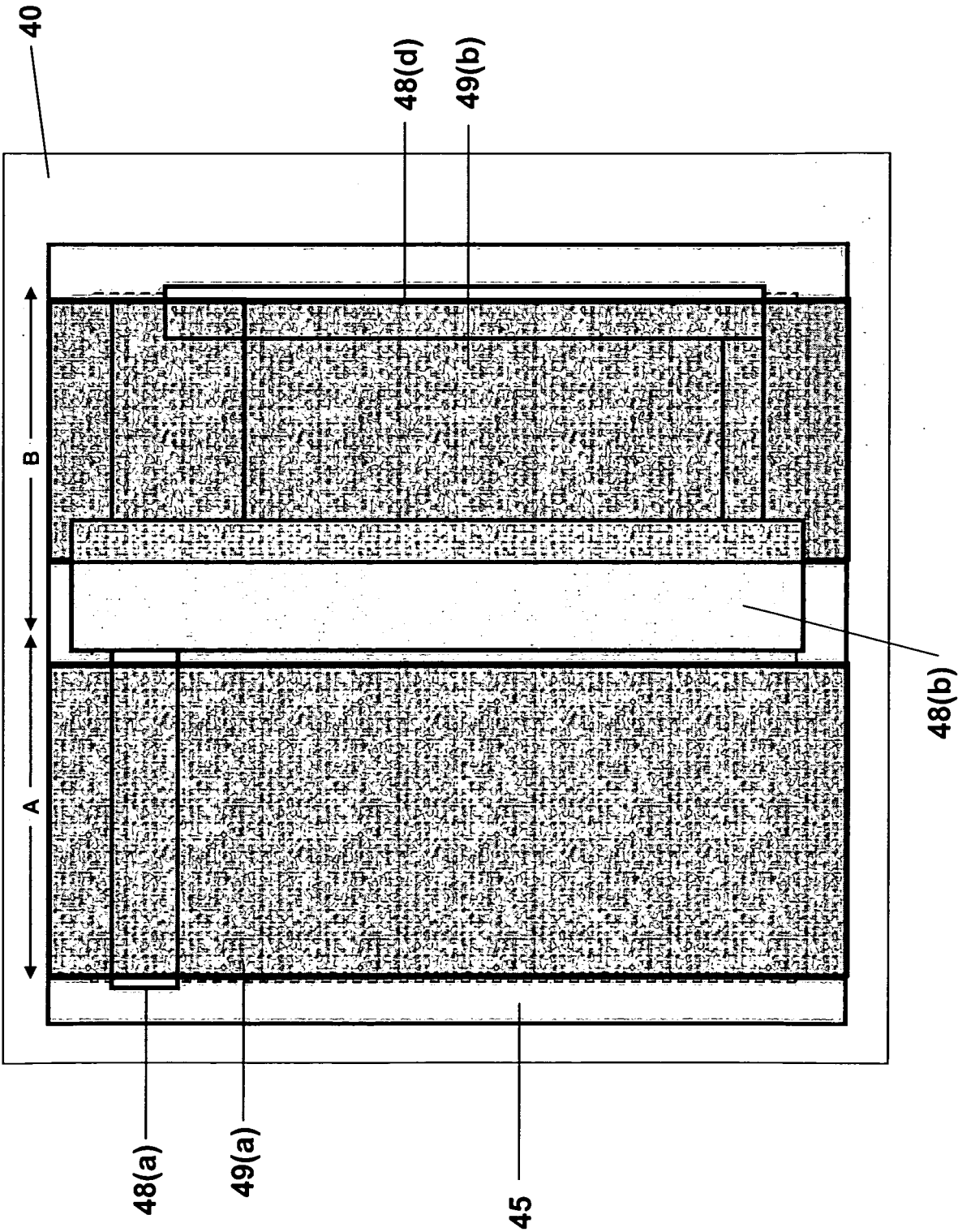
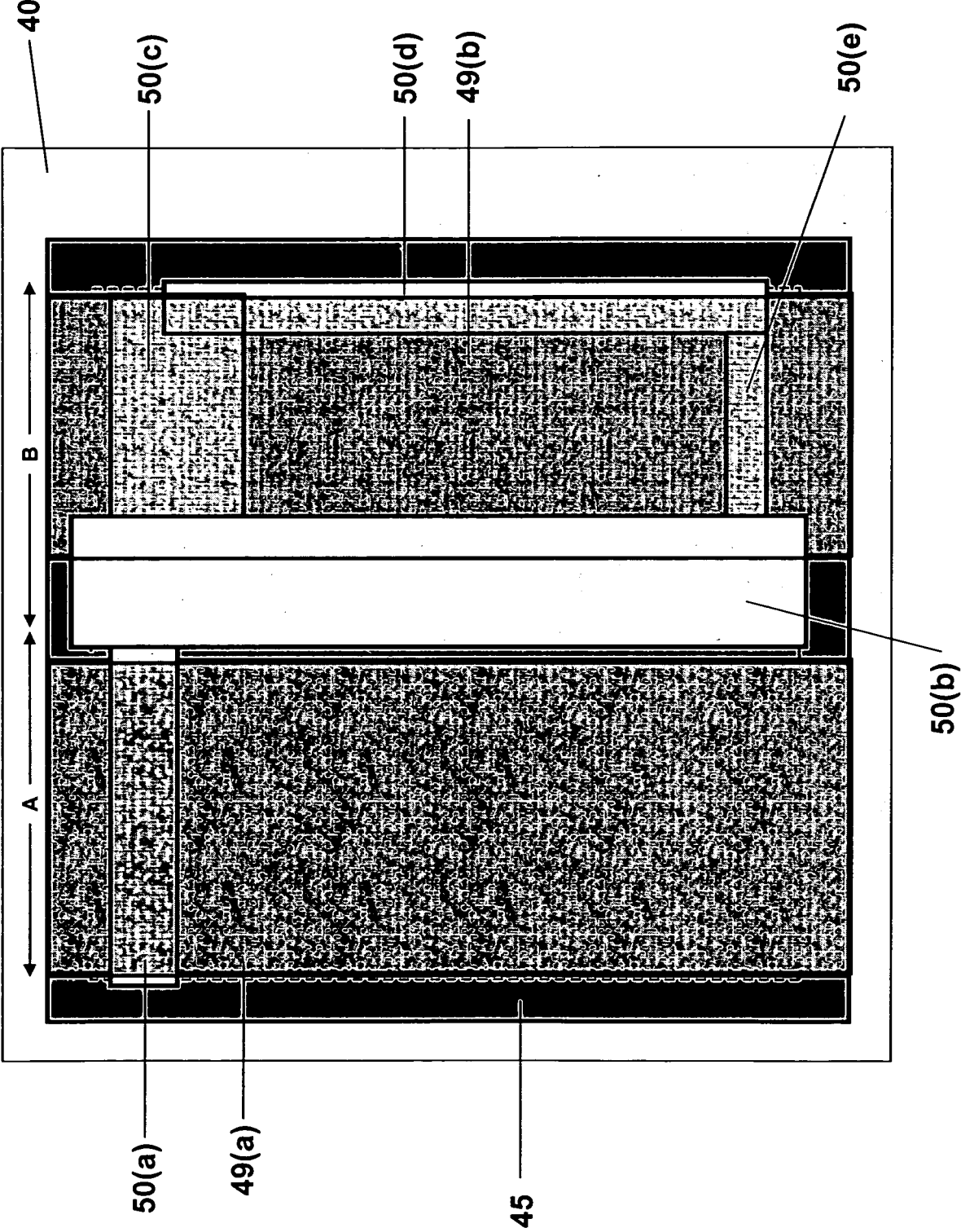
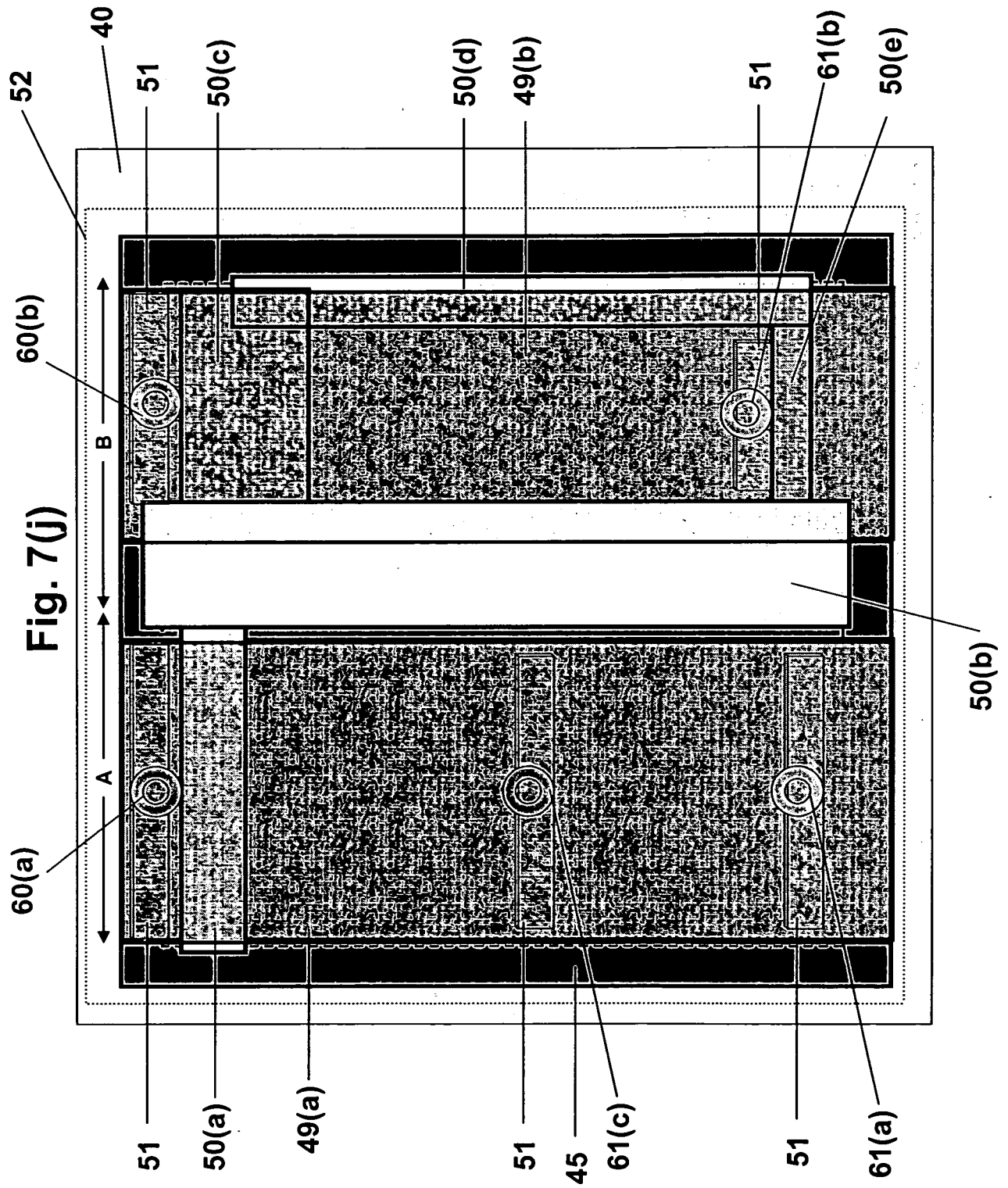


Fig. 7(i)





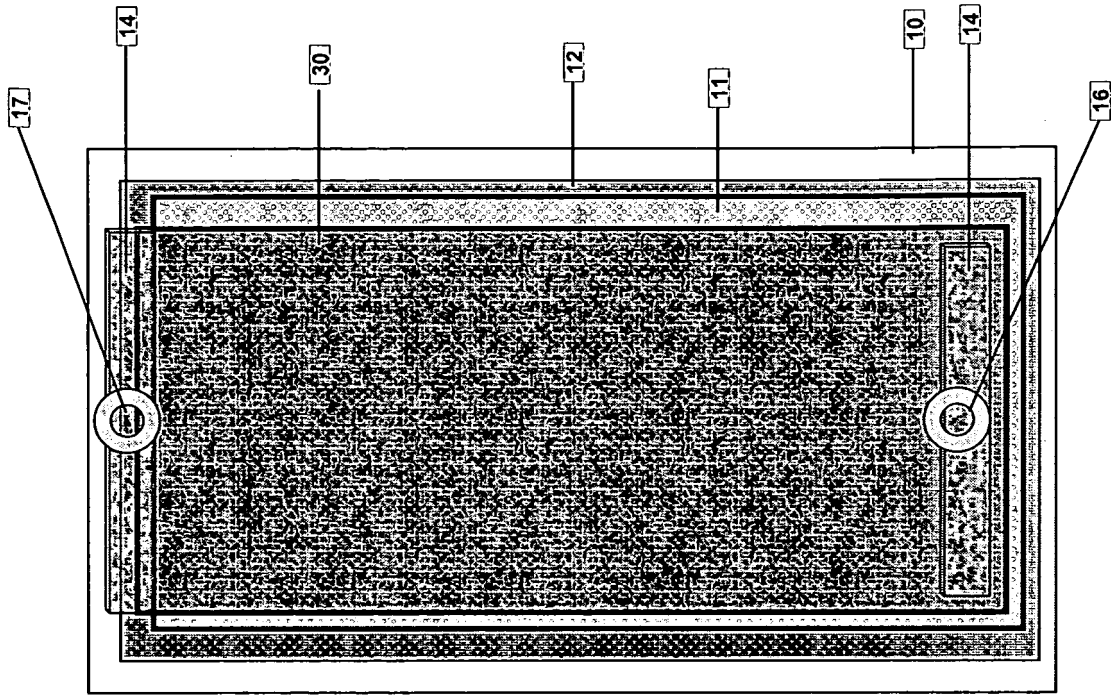


Fig. 8

- 10: Mold surface
- 11: Fibrous reinforcement (preform)
- 12: Peel ply
- 14: Secondary resin distribution media
- 16: Resin Inlet Port
- 17: Vacuum Outlet Port
- 18: Vacuum Bag/air-tight cavity (not shown)
- 30: Resin distribution media

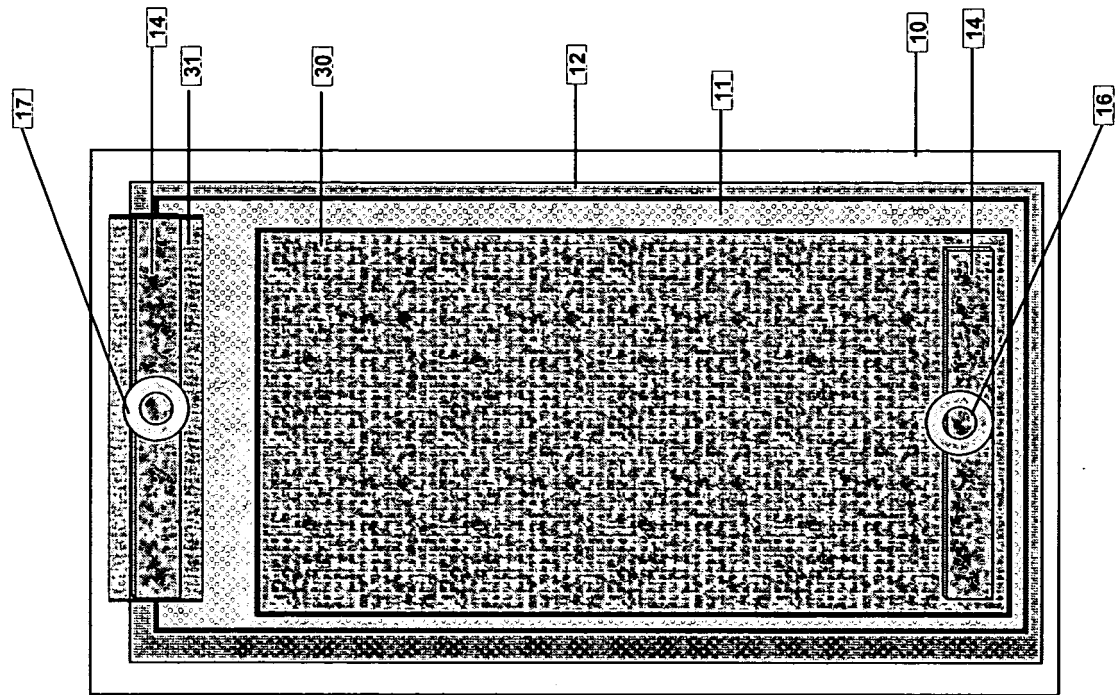


Fig. 9

- 10: Mold surface
- 11: Fibrous reinforcement (preform)
- 12: Peel ply
- 14: Secondary resin distribution media
- 16: Resin Inlet Port
- 17: Vacuum Outlet Port
- 18: Vacuum Bag/air-tight cavity (not shown)
- 30: Resin distribution media
- 31: Resin distribution media

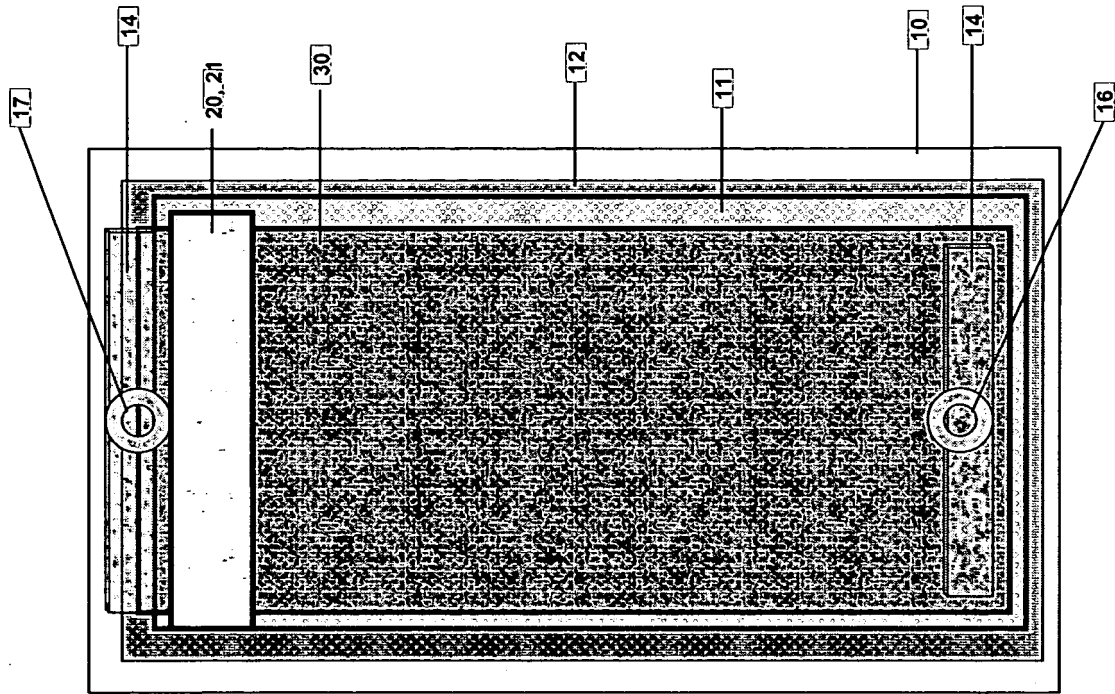


Fig. 10

- 10: Mold surface
- 11: Fibrous reinforcement (preform)
- 12: Peel ply
- 14: Secondary resin distribution media
- 16: Resin Inlet Port
- 17: Vacuum Outlet Port
- 18: Vacuum Bag/air-tight cavity (not shown)
- 20: Resin flow control structure (above)
- 21: Resin flow control structure (below)
- 30: Resin distribution media