

FIG. 1(a)

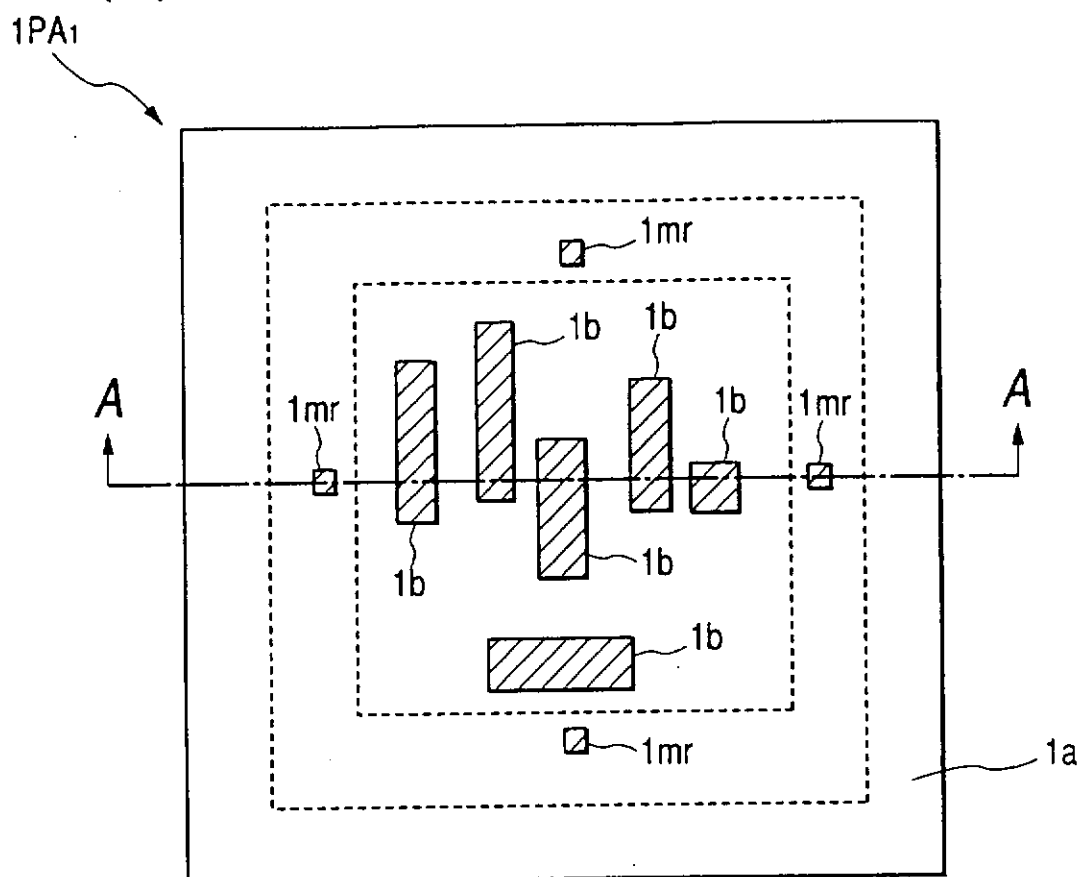


FIG. 1(b)

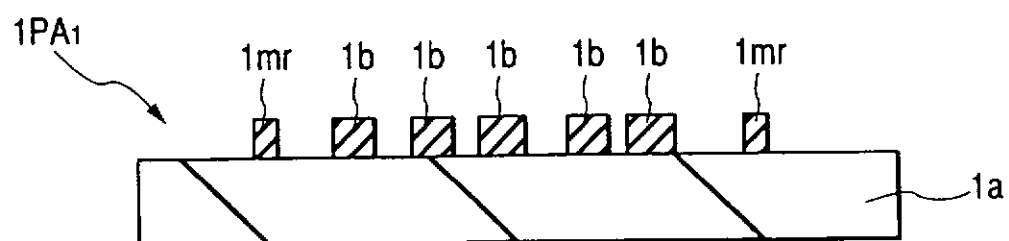
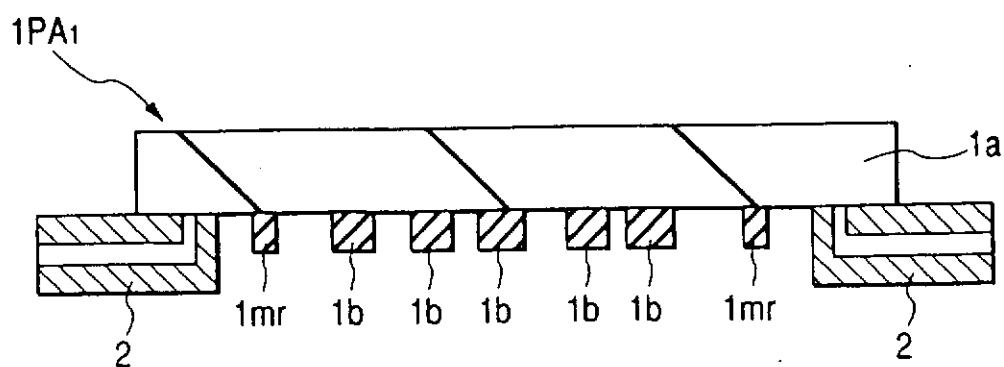
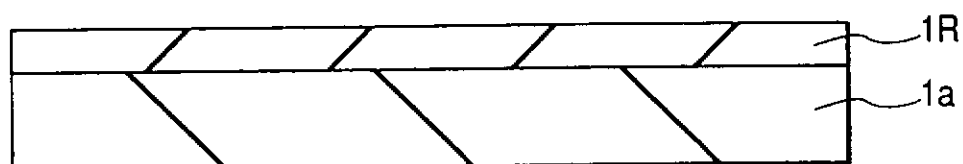
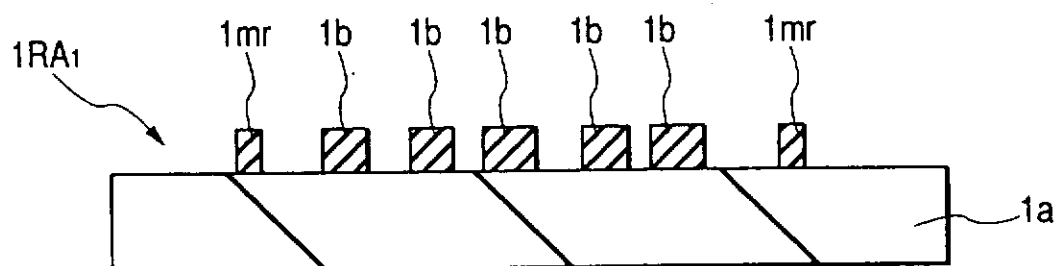
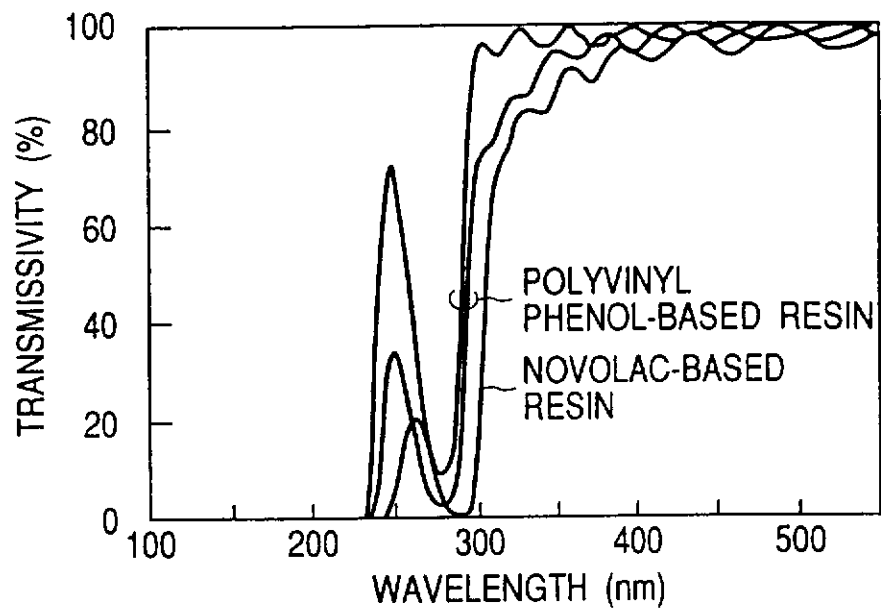
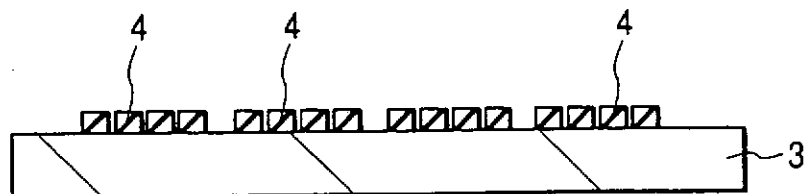


FIG. 1(c)



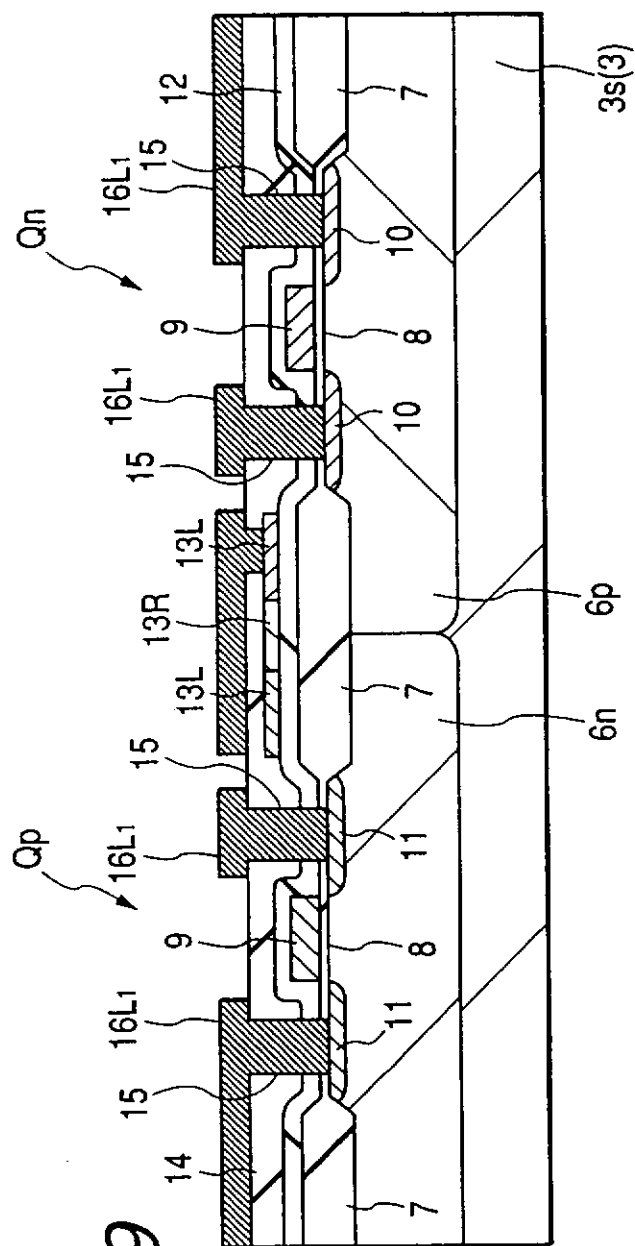
2/17

*FIG. 2(a)**FIG. 2(b)**FIG. 2(c)*

*FIG. 3**FIG. 4*



This cross-sectional view shows a central channel region (7) flanked by side regions (8). The channel region (7) contains a central layer (10) and is bounded by layers (9) and (11). The side regions (8) contain layers (13L) and (13R). The device is supported by a substrate (6p) and a base layer (6n). The top surface is labeled 3s(3). The bottom surface is labeled 7. The side regions (8) are labeled 12. The central channel region (7) is labeled 10. The side regions (8) are labeled 13L and 13R. The device is supported by a substrate (6p) and a base layer (6n). The top surface is labeled 3s(3). The bottom surface is labeled 7. The side regions (8) are labeled 12. The central channel region (7) is labeled 10. The side regions (8) are labeled 13L and 13R.



7/17

FIG. 10(a)



FIG. 10(b)

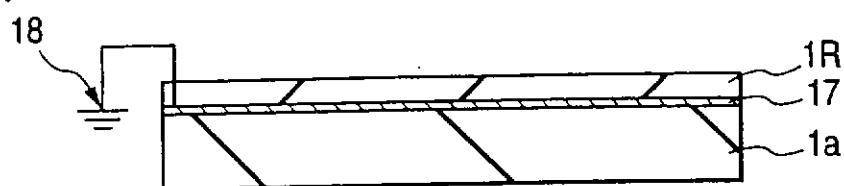


FIG. 10(c)

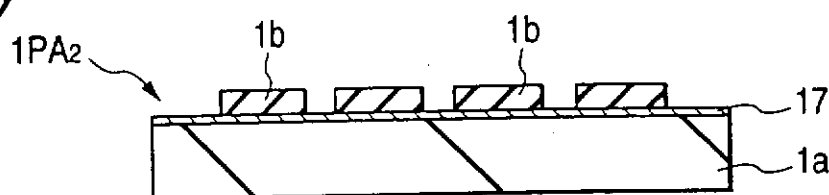


FIG. 11(a)



FIG. 11(b)

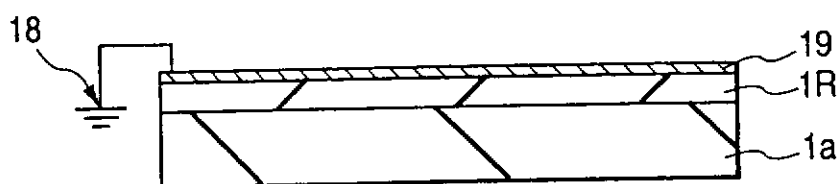
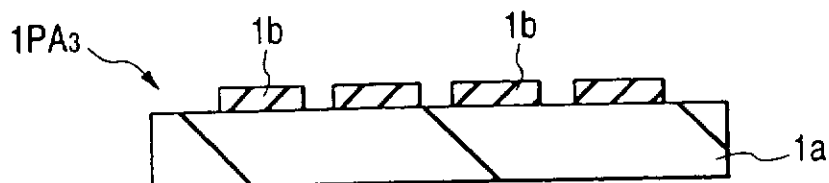
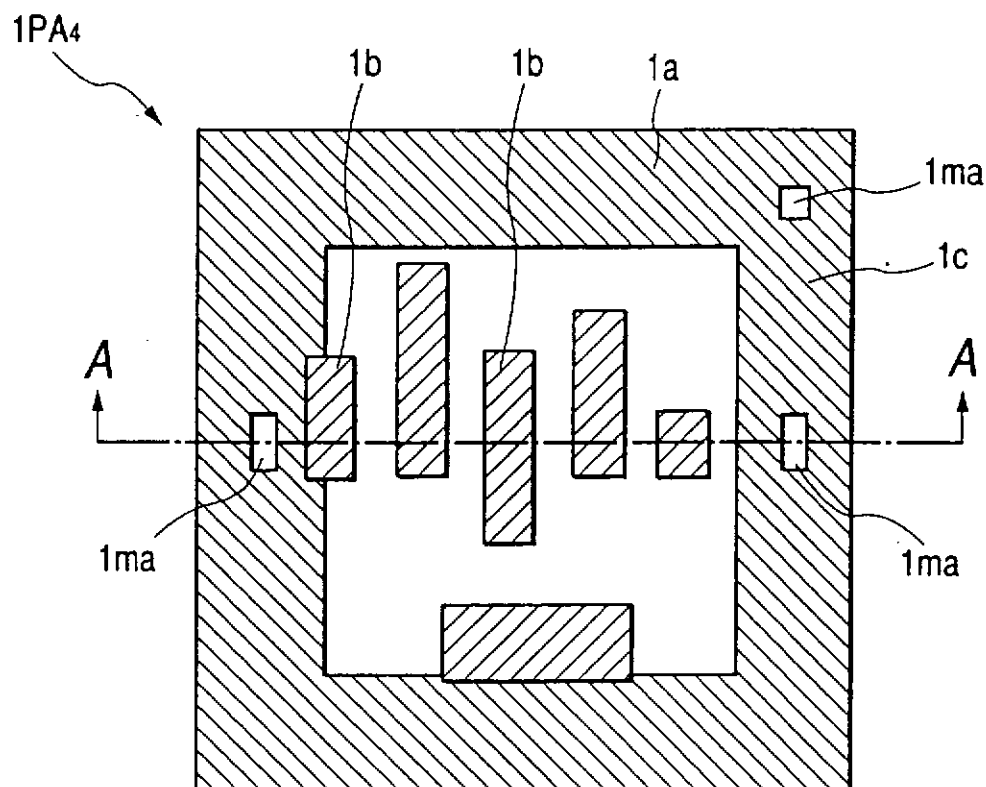
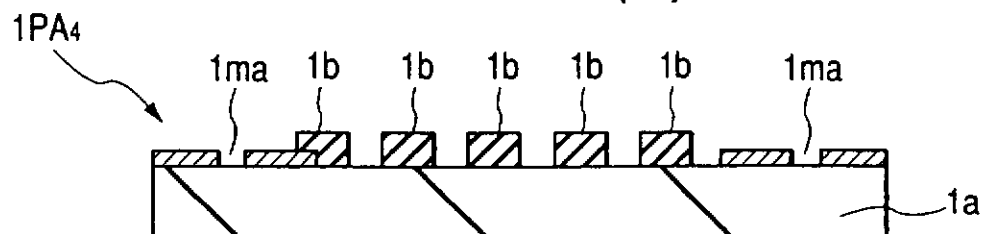
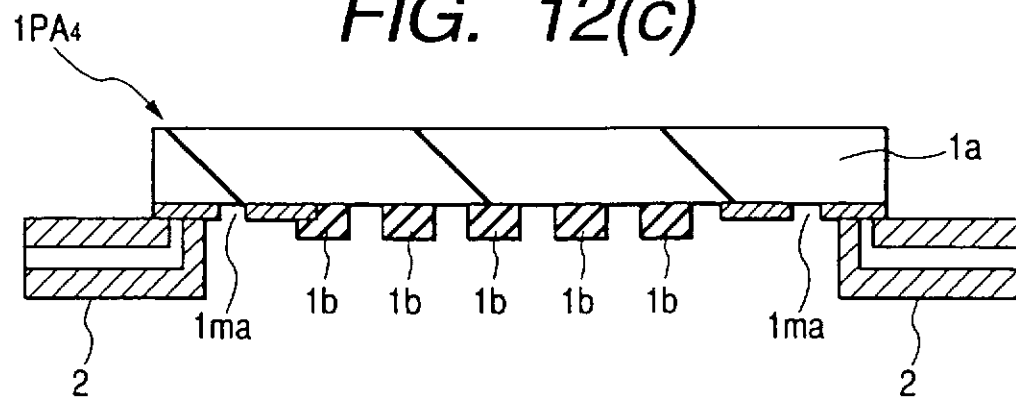
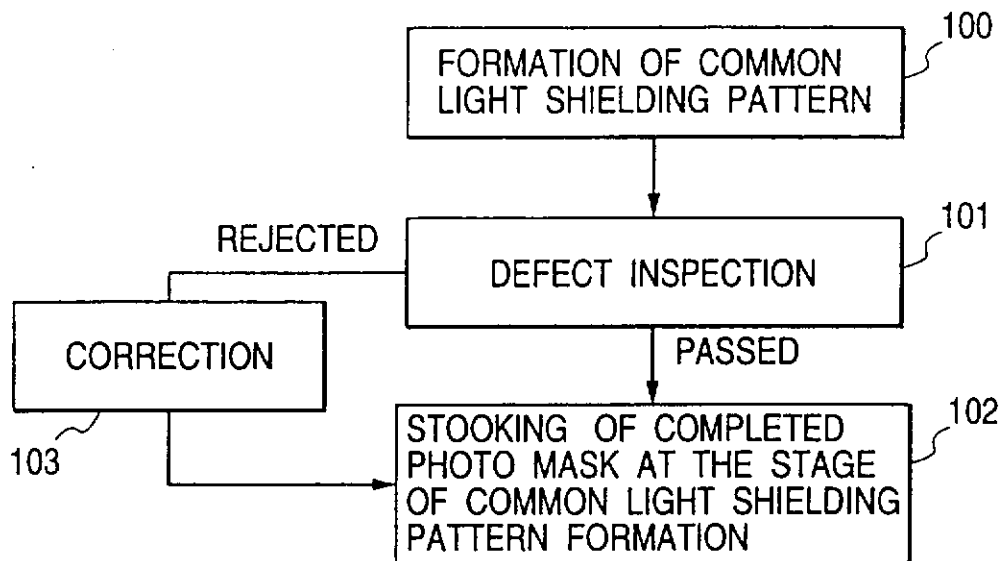
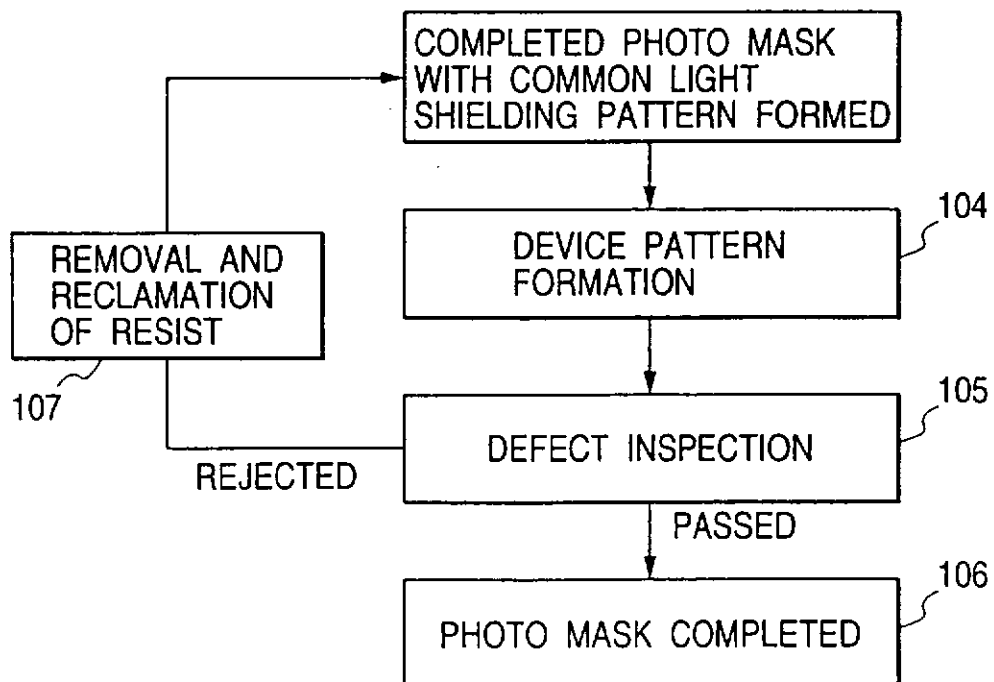


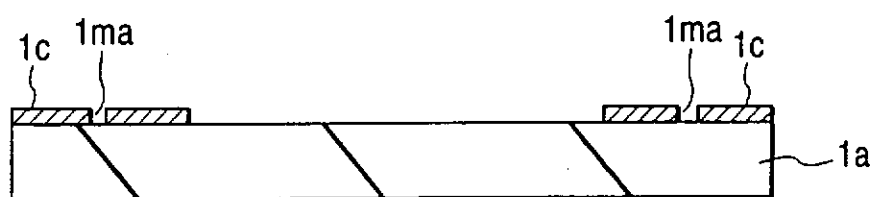
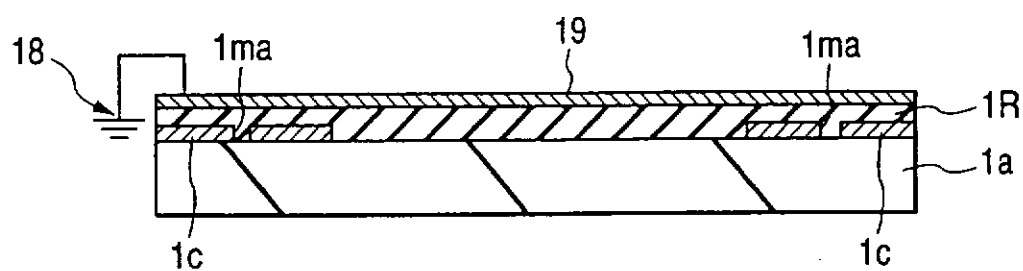
FIG. 11(c)



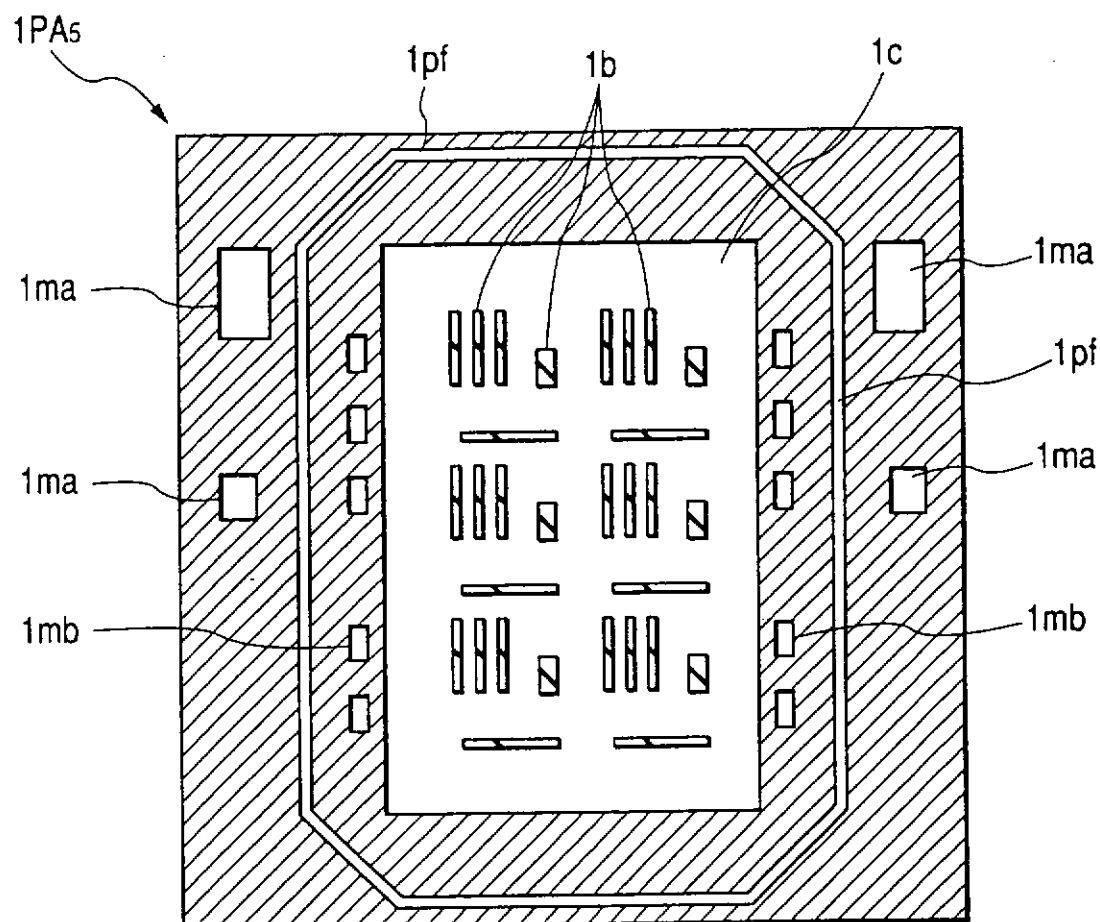
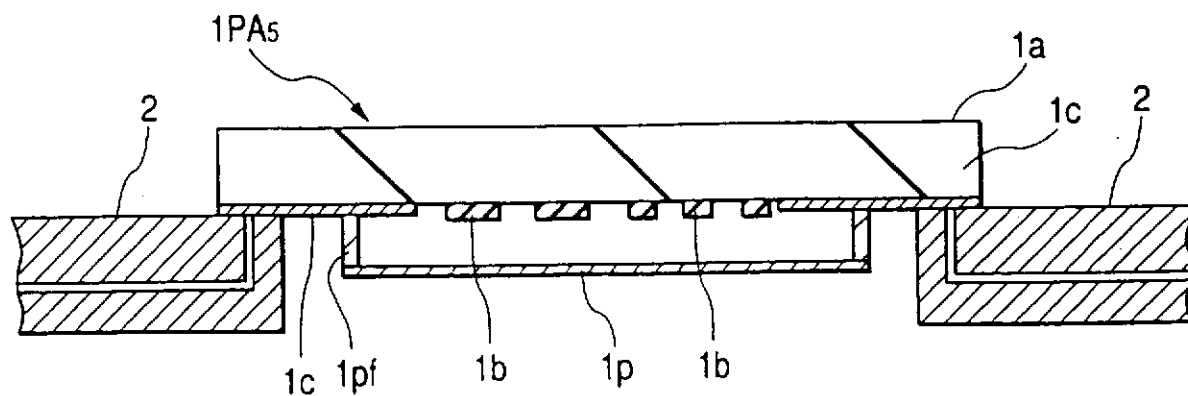
*FIG. 12(a)**FIG. 12(b)**FIG. 12(c)*

*FIG. 13(a)**FIG. 13(b)*

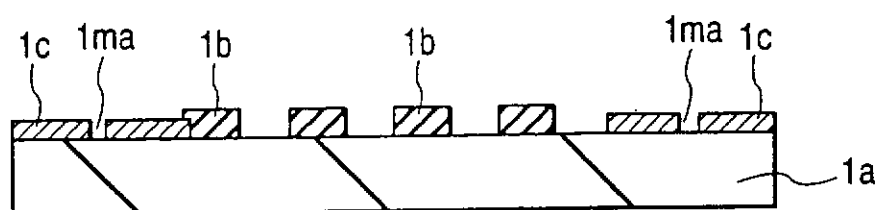
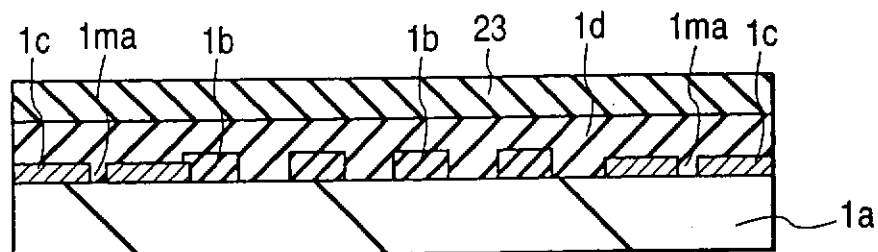
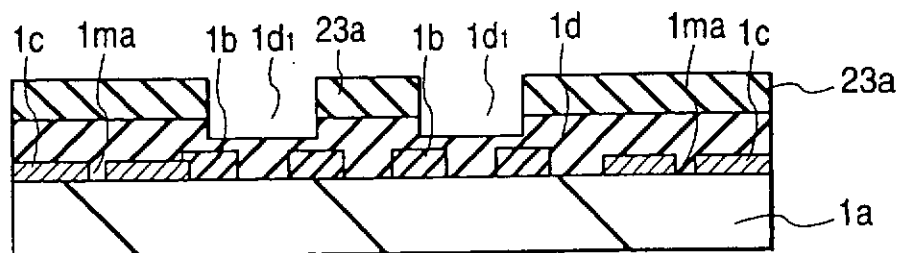
10/17

*FIG. 14(a)**FIG. 14(b)*

11/17

*FIG. 15(a)**FIG. 15(b)*



*FIG. 18(a)**FIG. 18(b)**FIG. 18(c)*

[illegible]

FIG. 20(a)

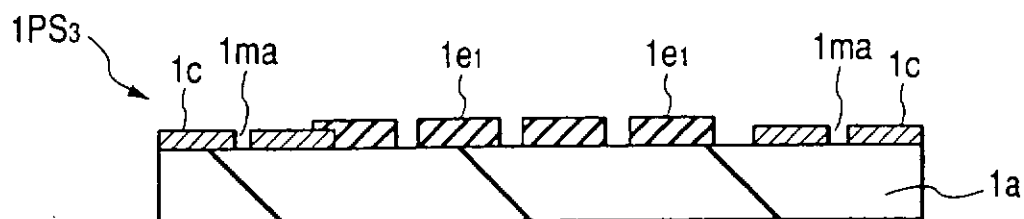


FIG. 20(b)

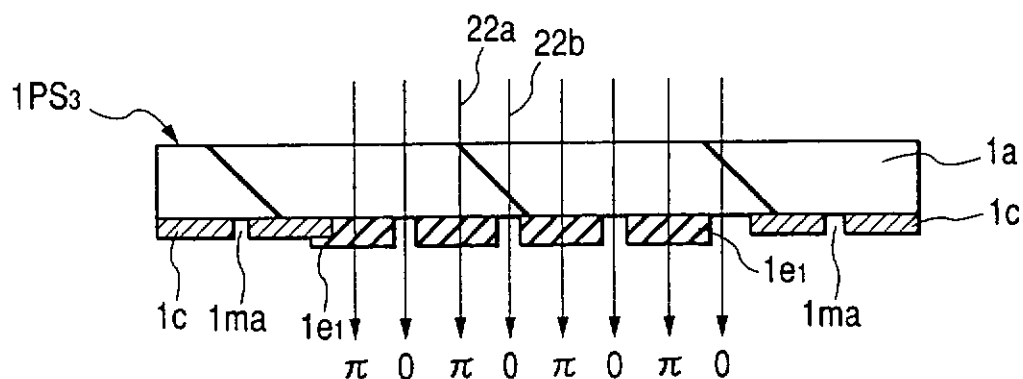


FIG. 21(a)

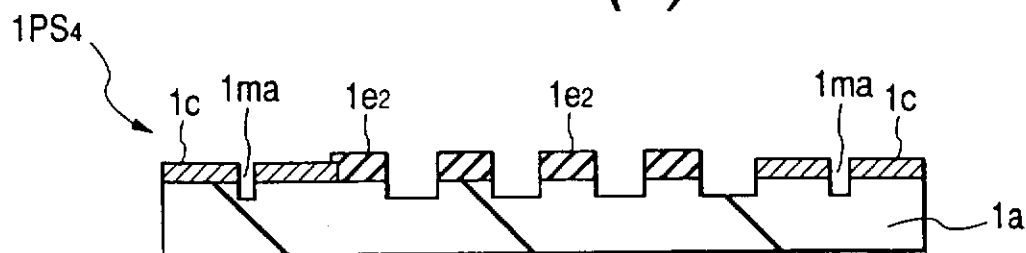
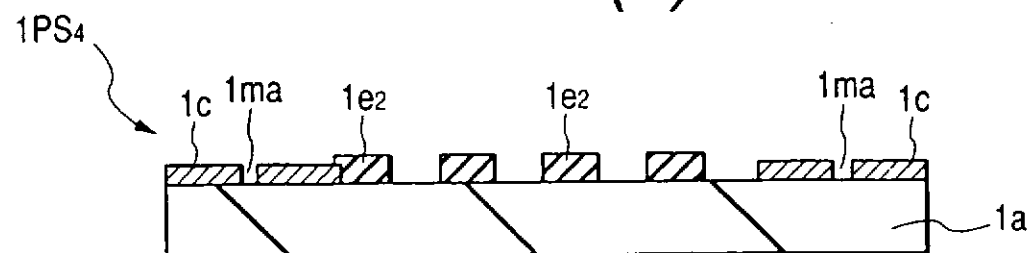
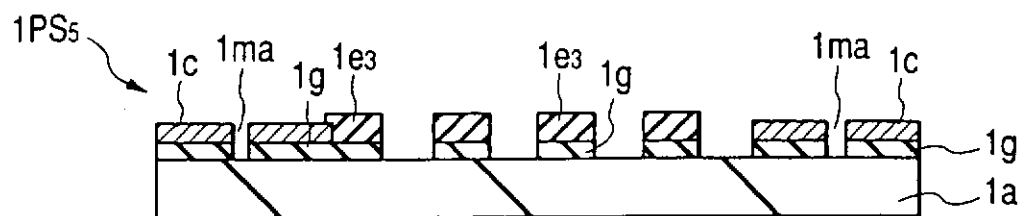
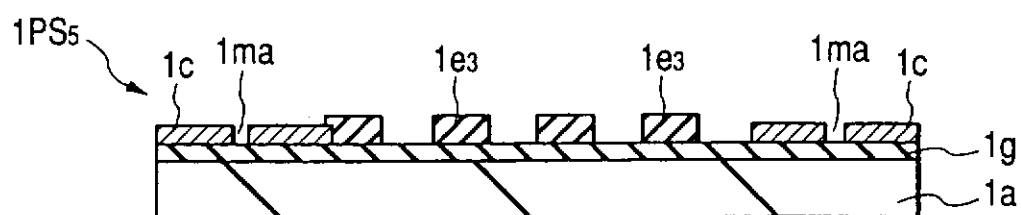
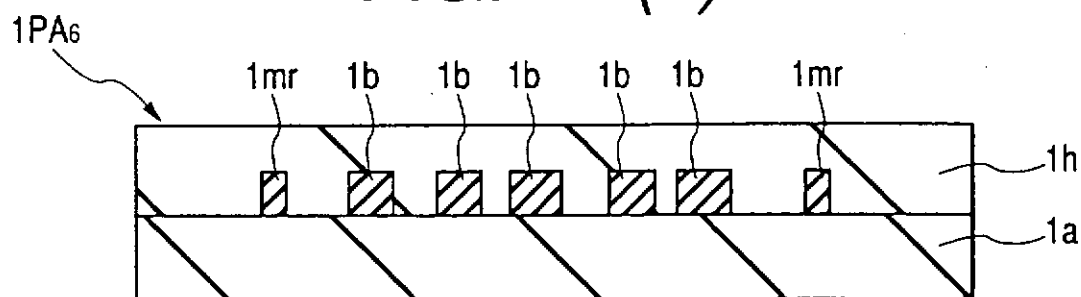
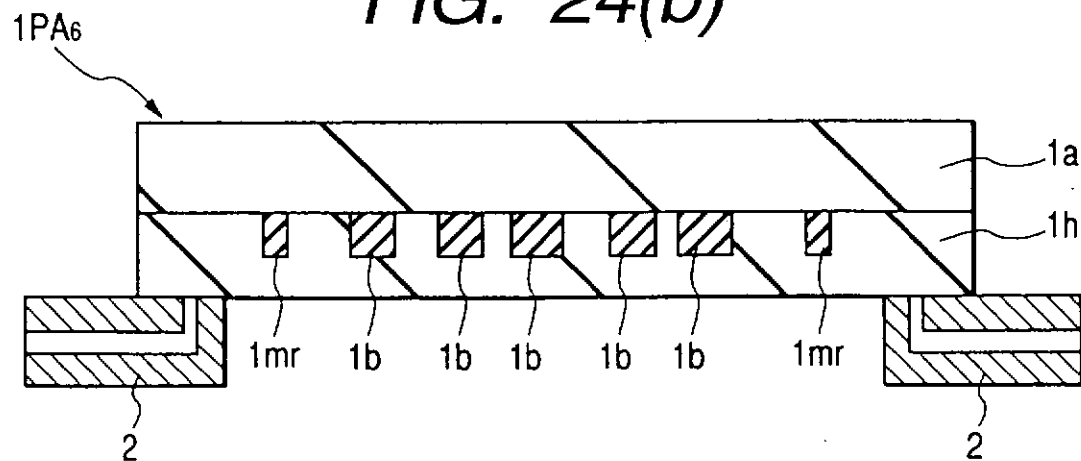
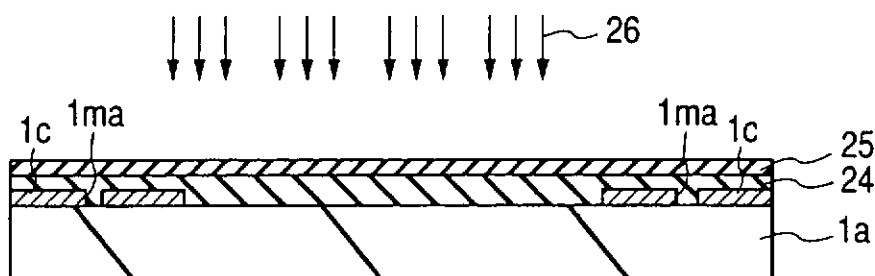
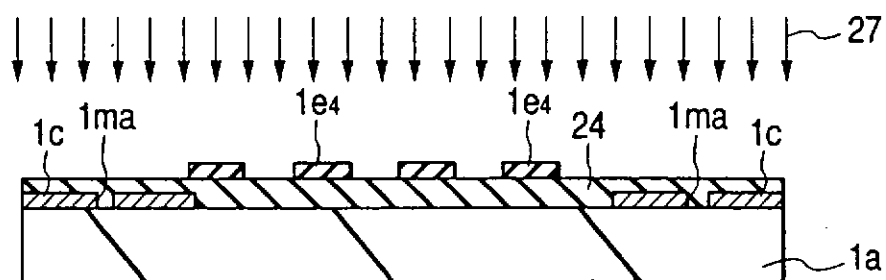


FIG. 21(b)



16 / 17

*FIG. 22(a)**FIG. 22(b)**FIG. 24(a)**FIG. 24(b)*

*FIG. 23(a)**FIG. 23(b)**FIG. 23(c)**FIG. 23(d)*