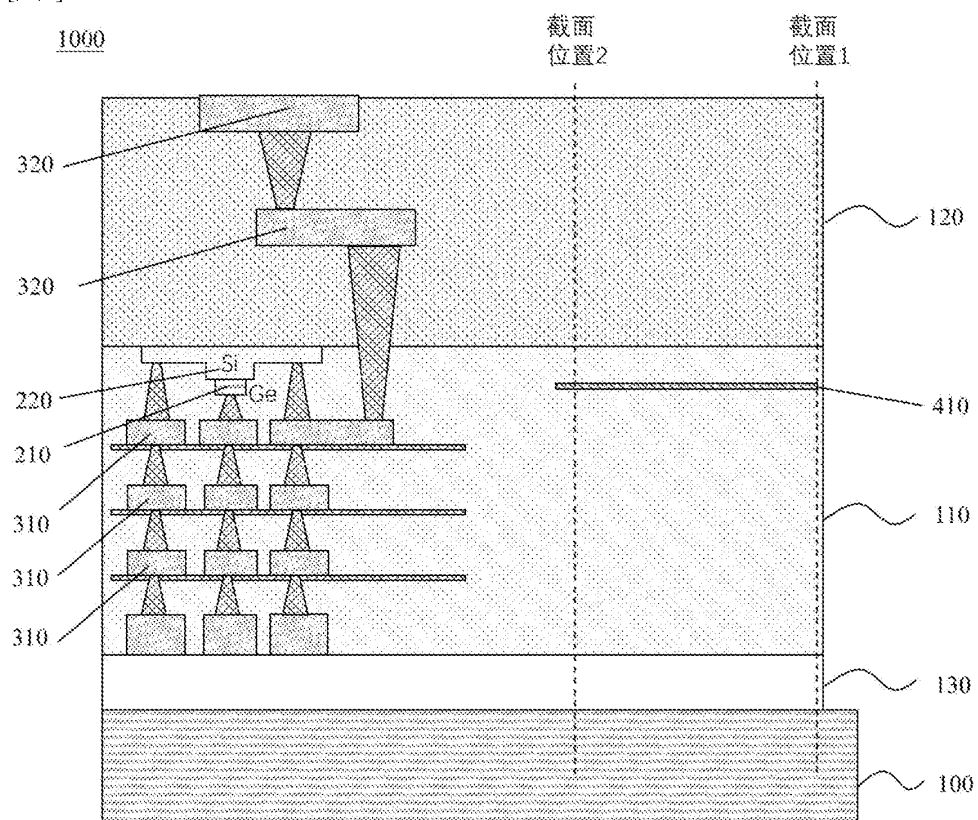
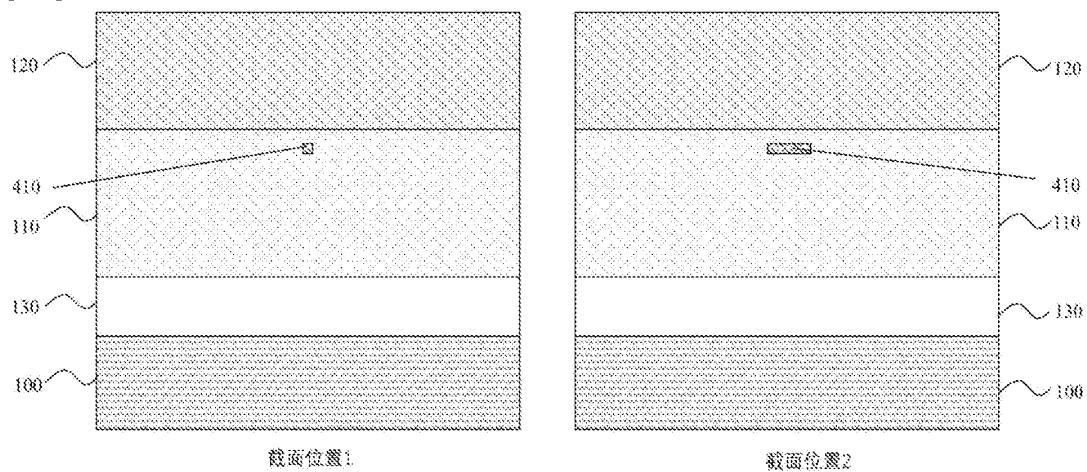


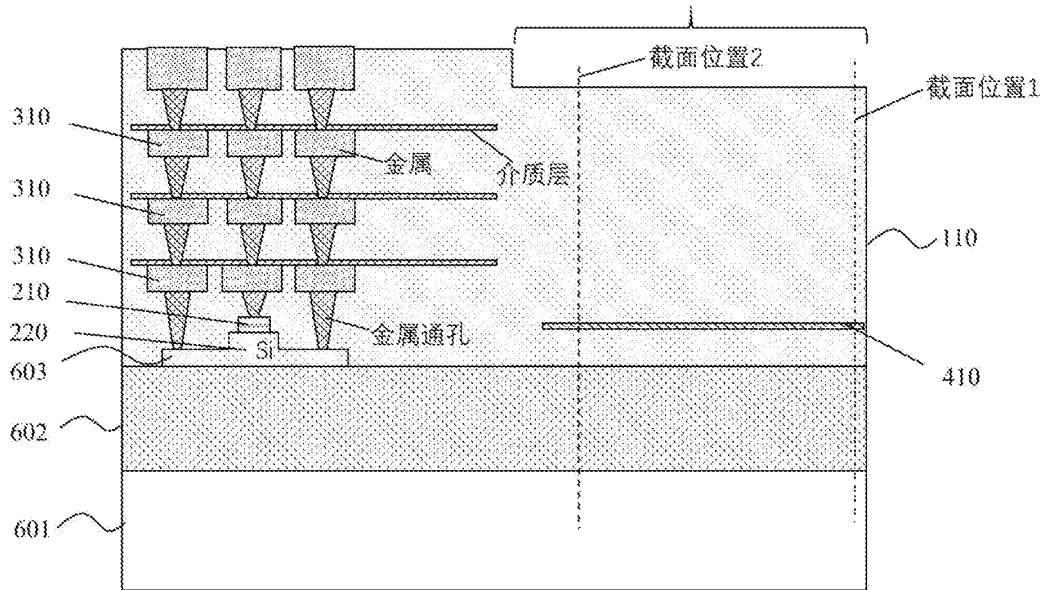
[图1]



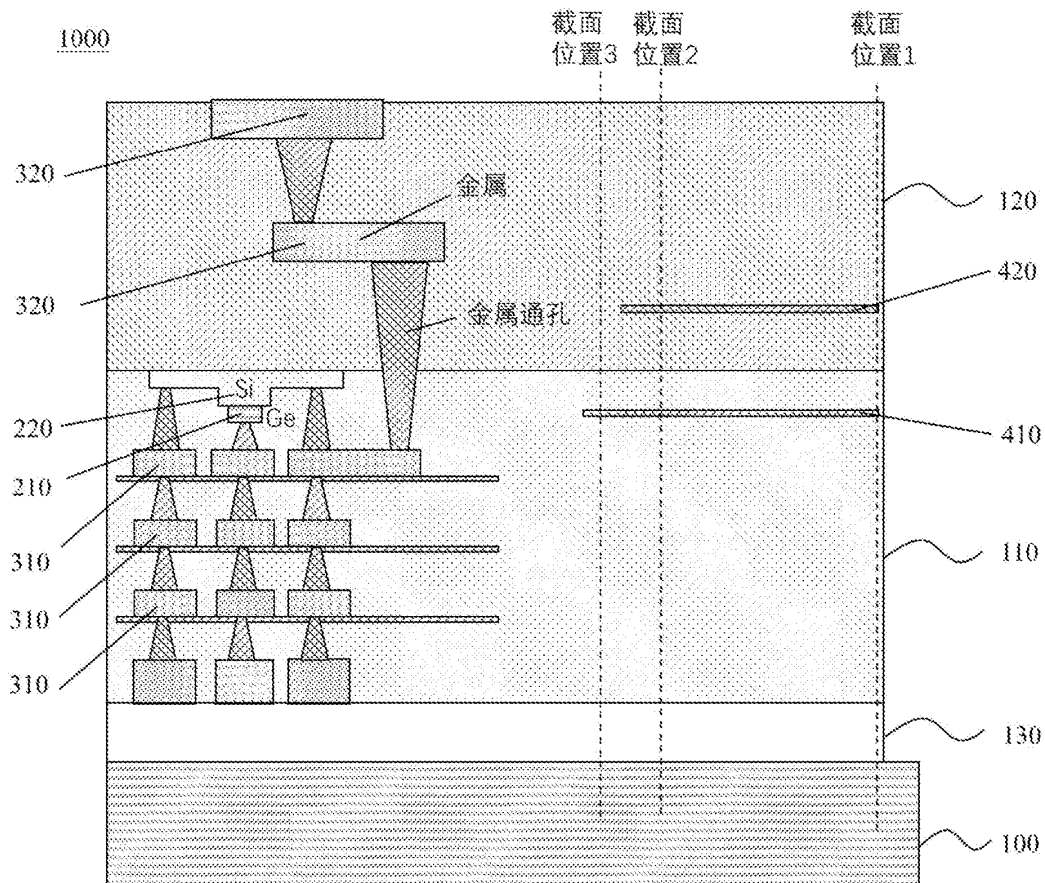
[图2]



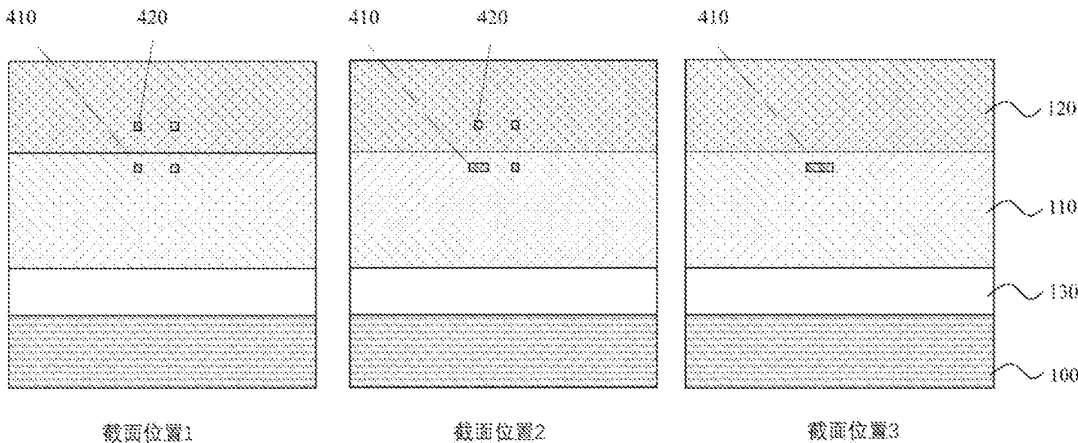
[图3]



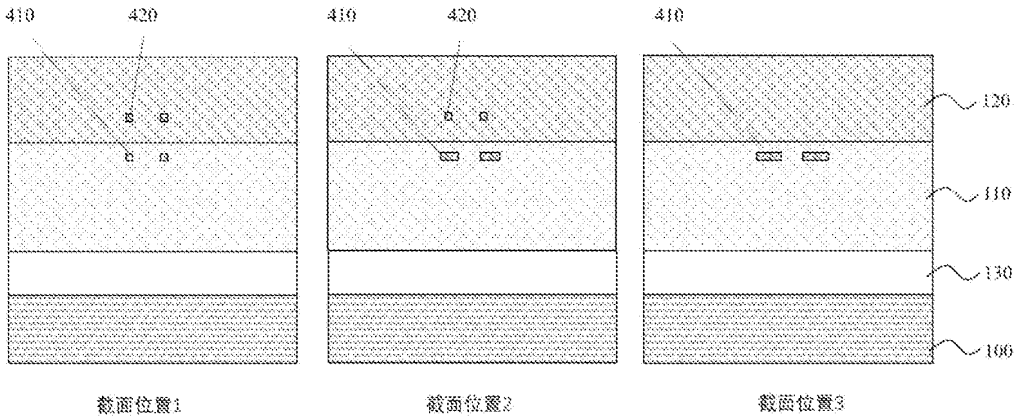
[图4]



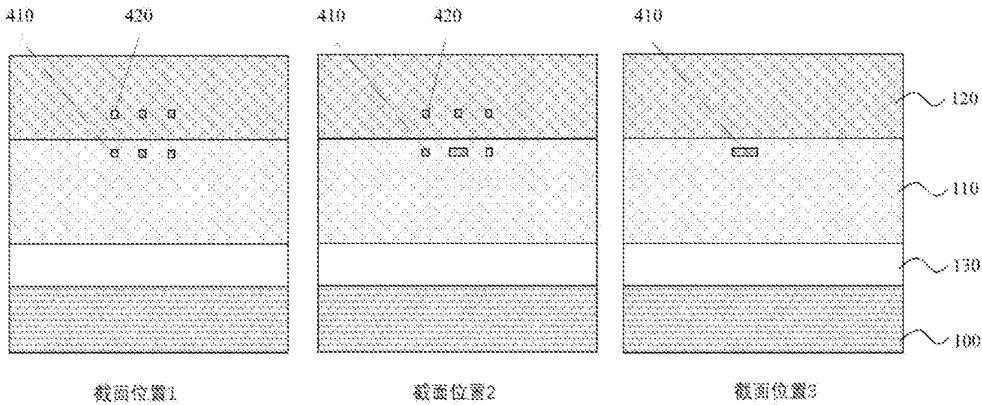
[图5]

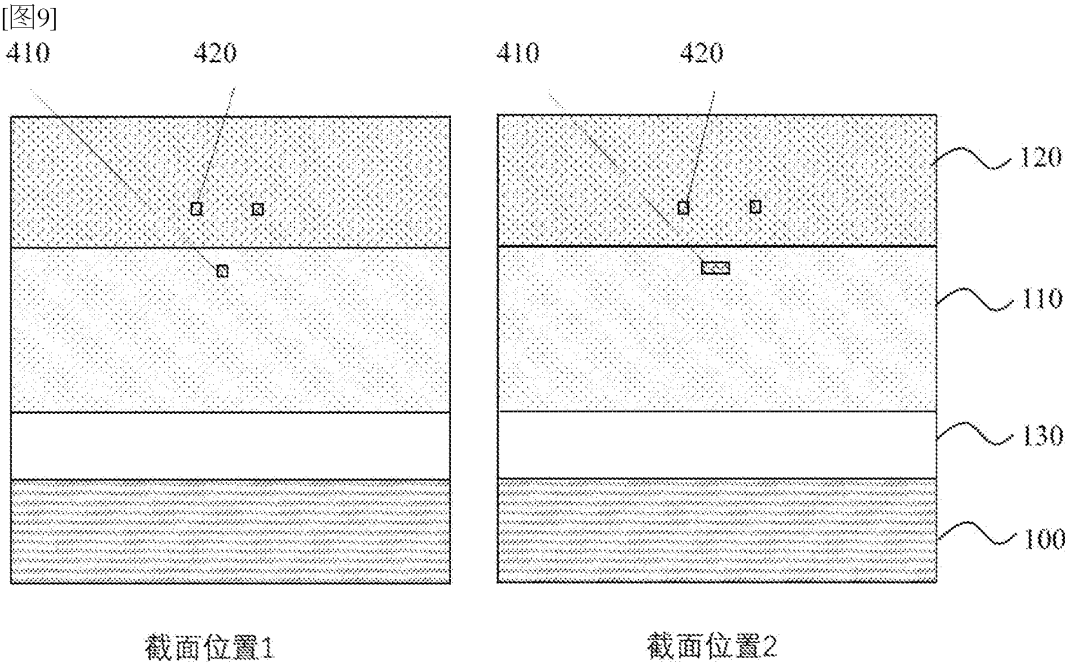
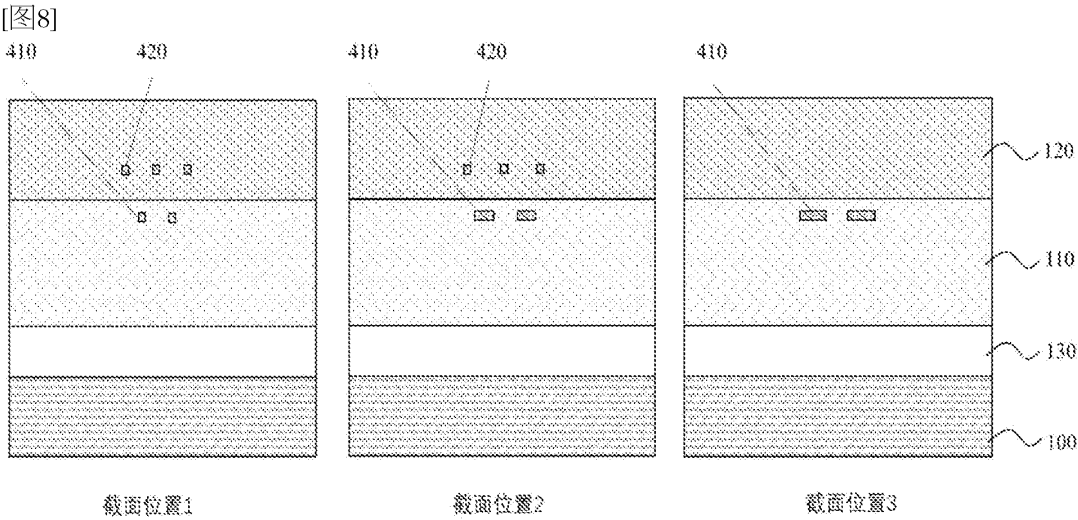


[图6]

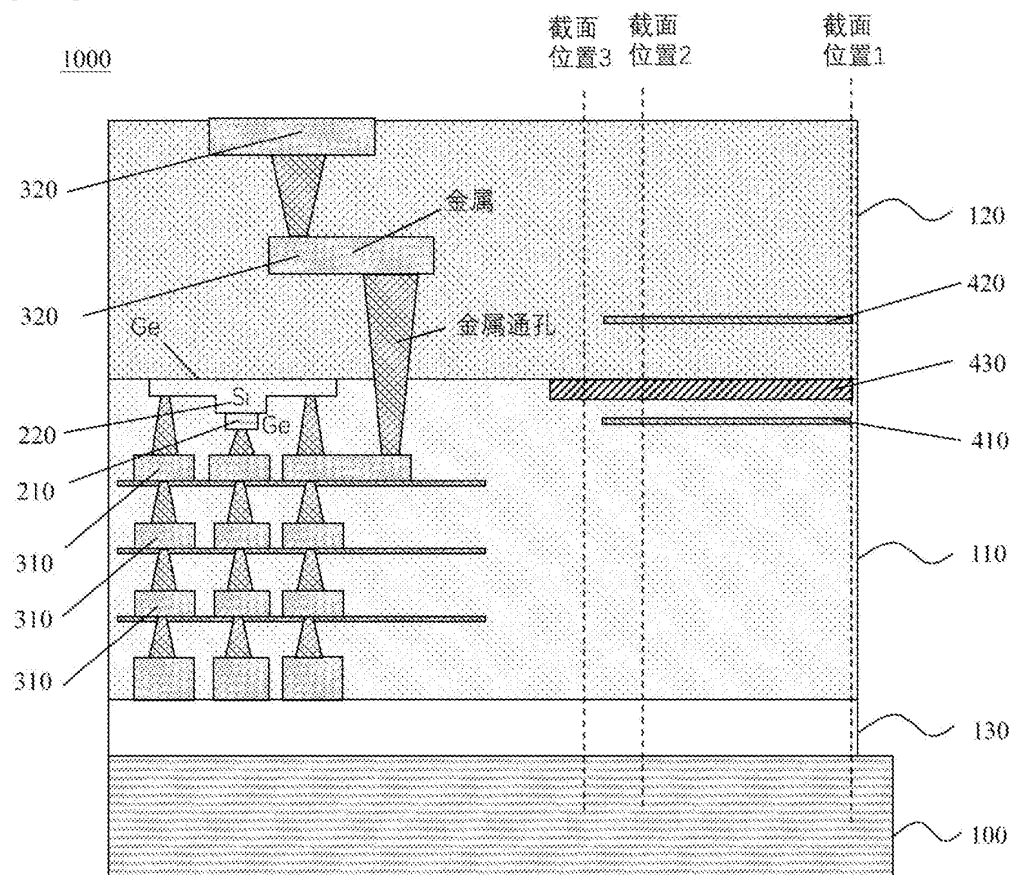


[图7]

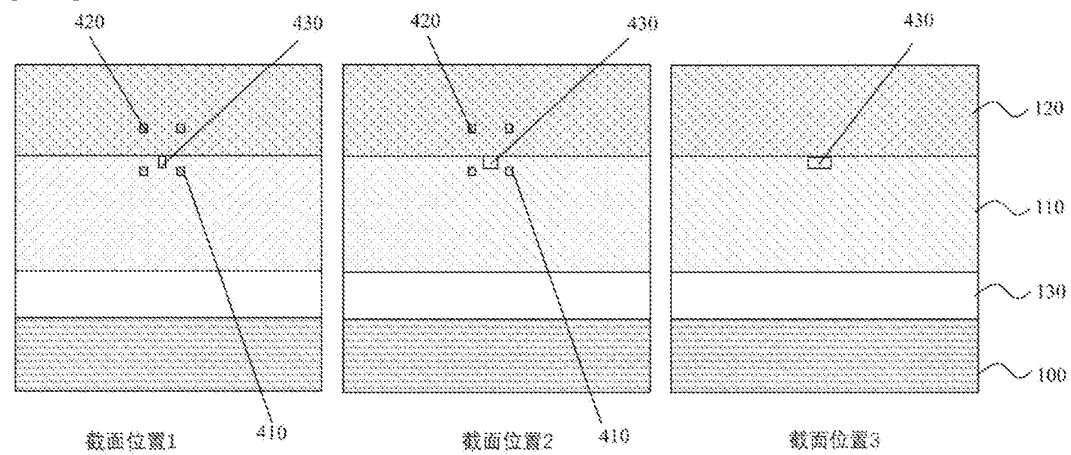




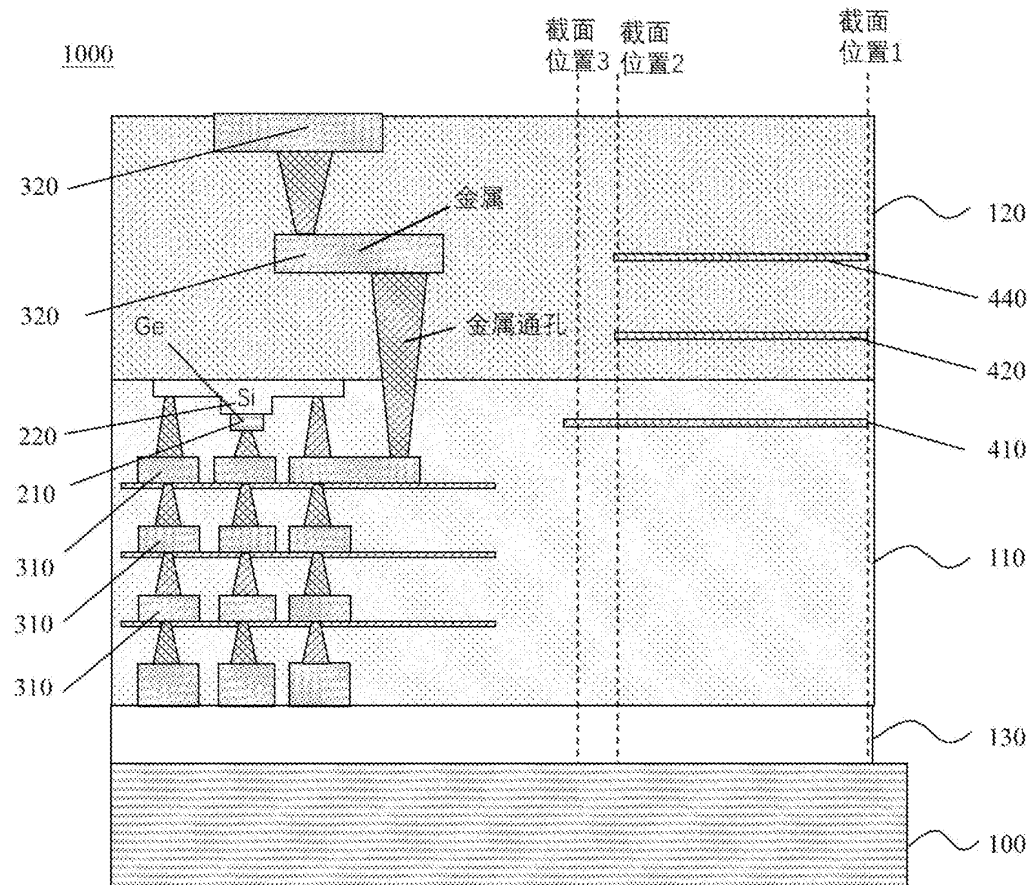
[图10]



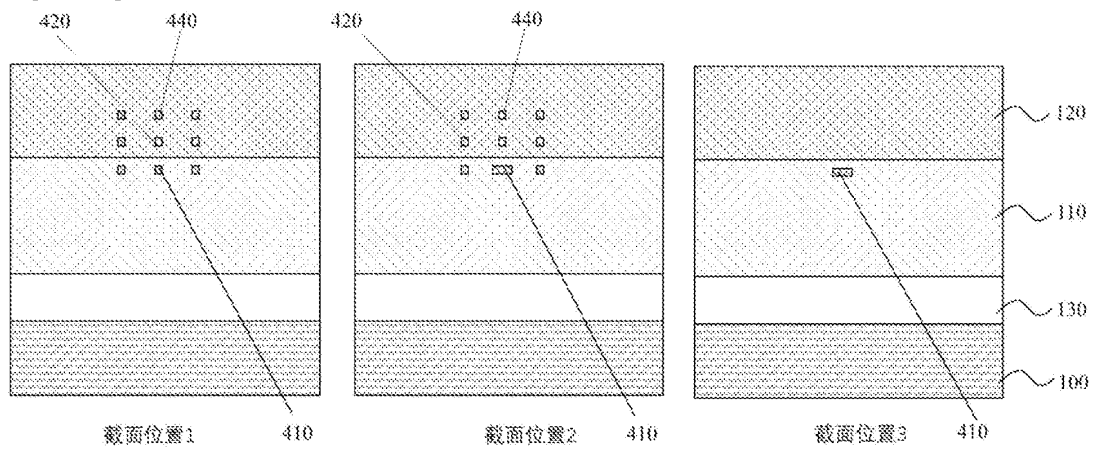
[图11]



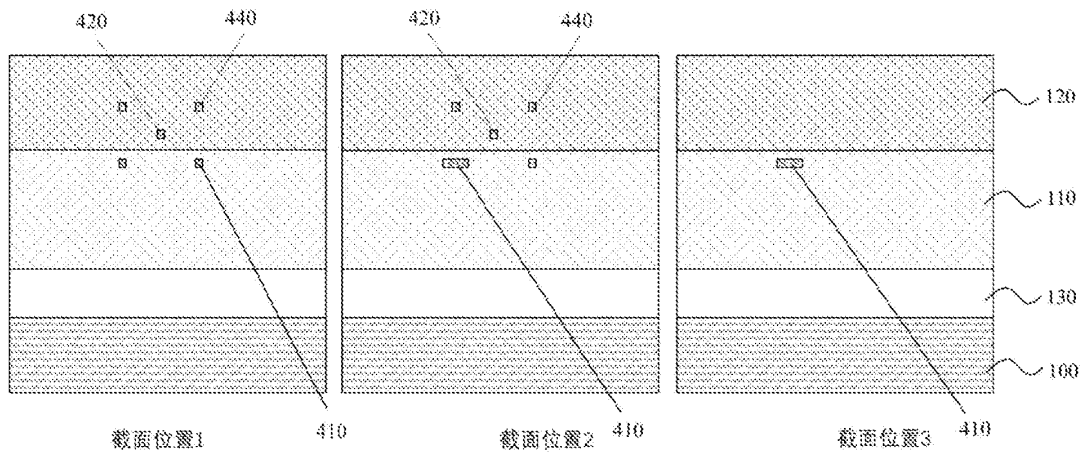
[图12]



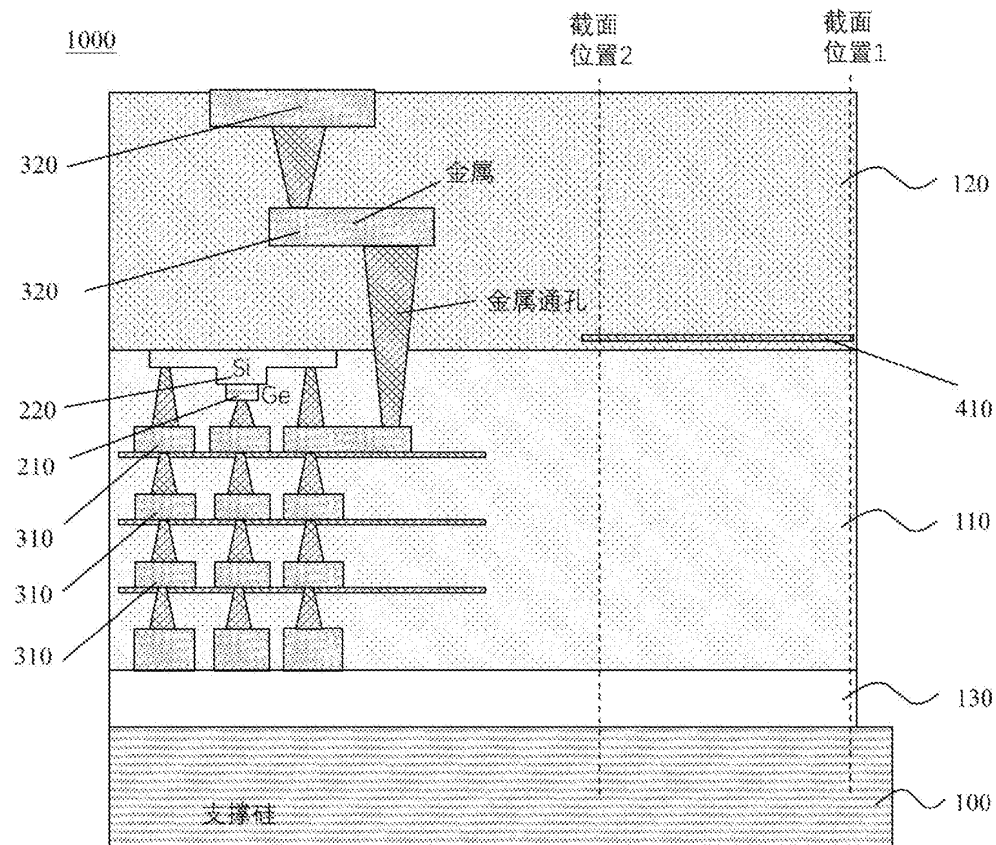
[图13A]



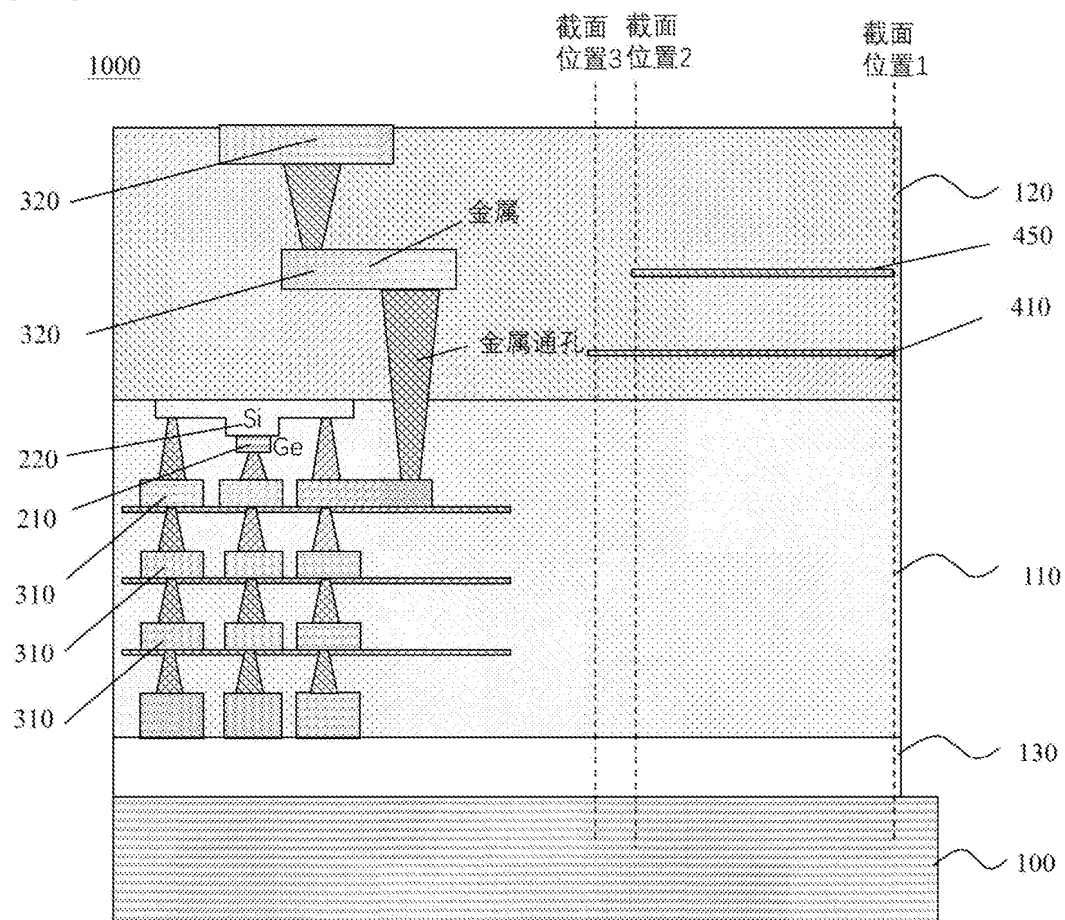
[图13B]



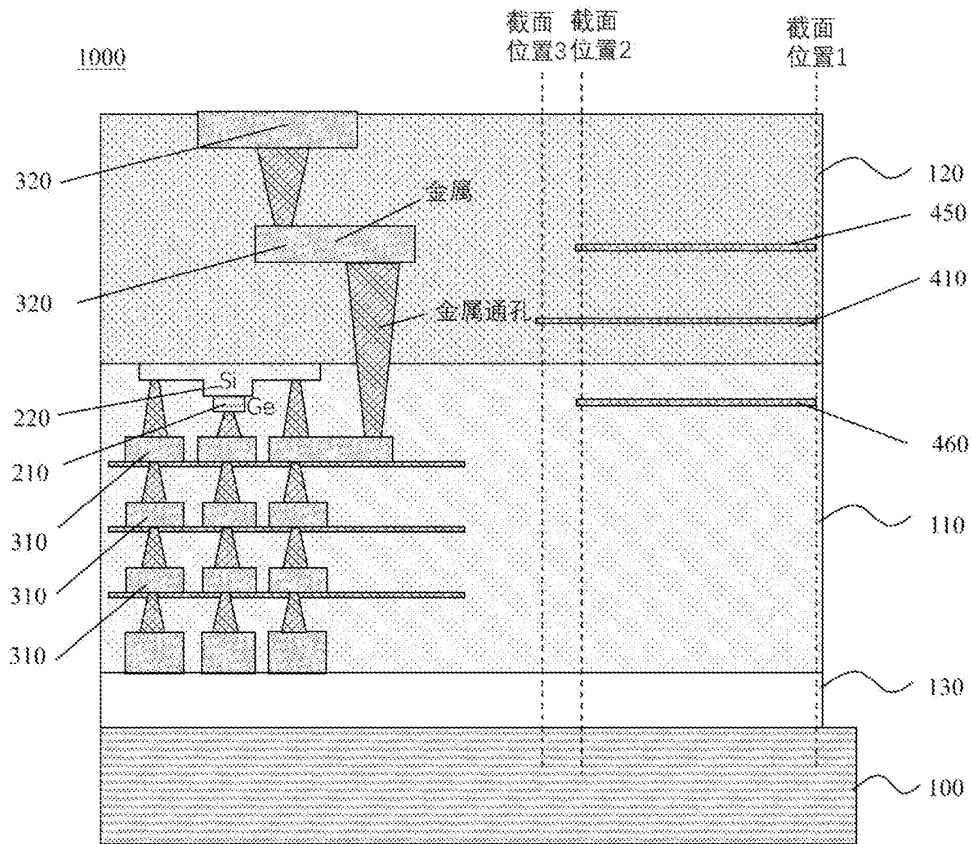
[图14]



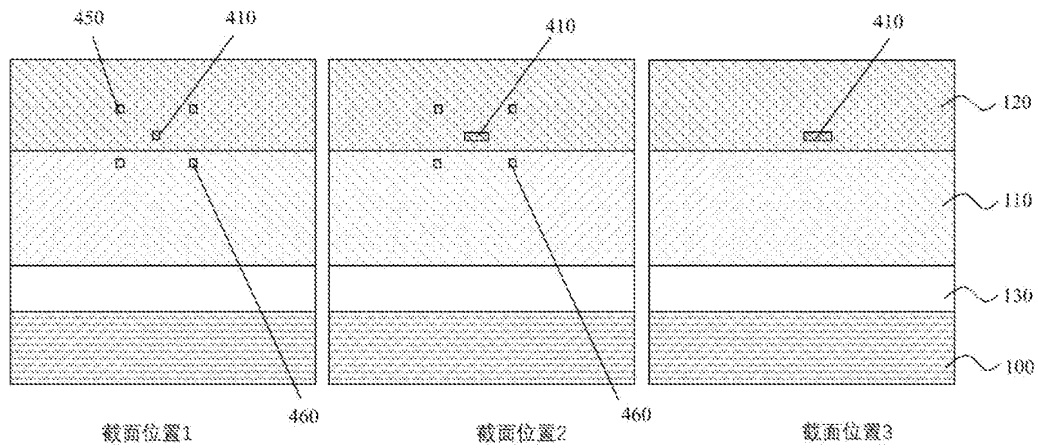
[图15]



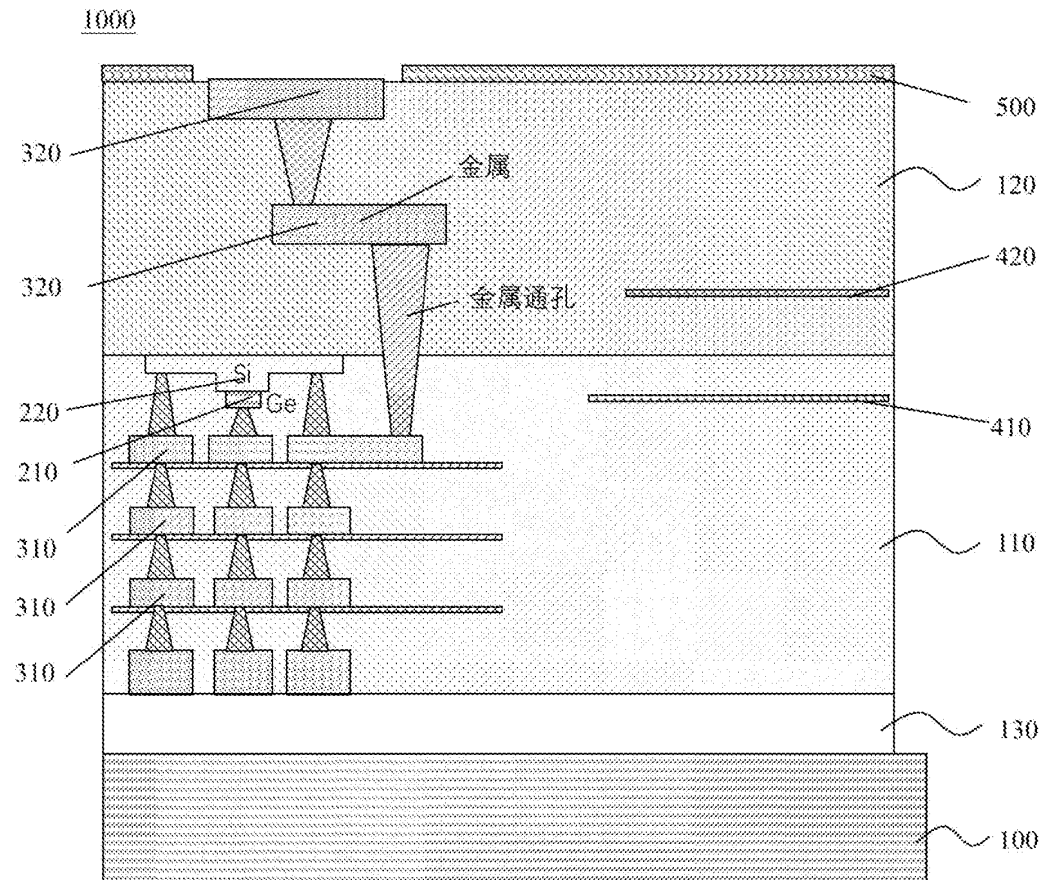
[图16]



[图17]



[图18]



[图19]

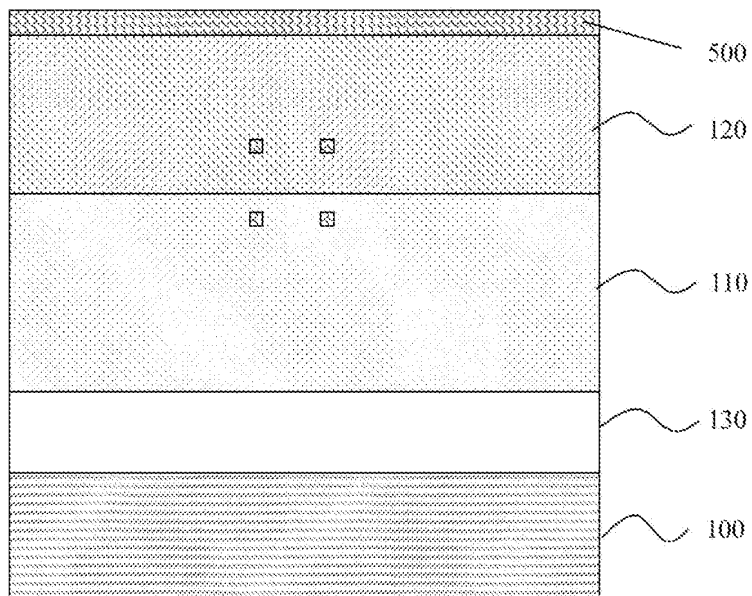


Figure 1 is a cross-sectional schematic diagram of a fiber-optic device. The device includes a substrate 100, a fiber core 410, a fiber cladding 420, and an adhesive 100. The substrate 100 is composed of multiple layers, including a top layer 110, a middle layer 130, and a bottom layer 120. The fiber core 410 is embedded within the middle layer 130, surrounded by the fiber cladding 420. The fiber is secured by an adhesive 100. The substrate 100 also features a series of metal pads 310 and 320, with a central metal through-hole 330. The pads are labeled with 'Si' and 'Ge' indicating different materials. The fiber core 410 is shown as a horizontal line passing through the center of the device.

Figure 1 is a cross-sectional view of a fiber optic cable assembly. A circular fiber optic cable is positioned within a rectangular block 100. The cable consists of a central core (光纤纤芯) and an outer cladding (光纤包层). The cable is seated in a recessed channel 101 within the block 100.