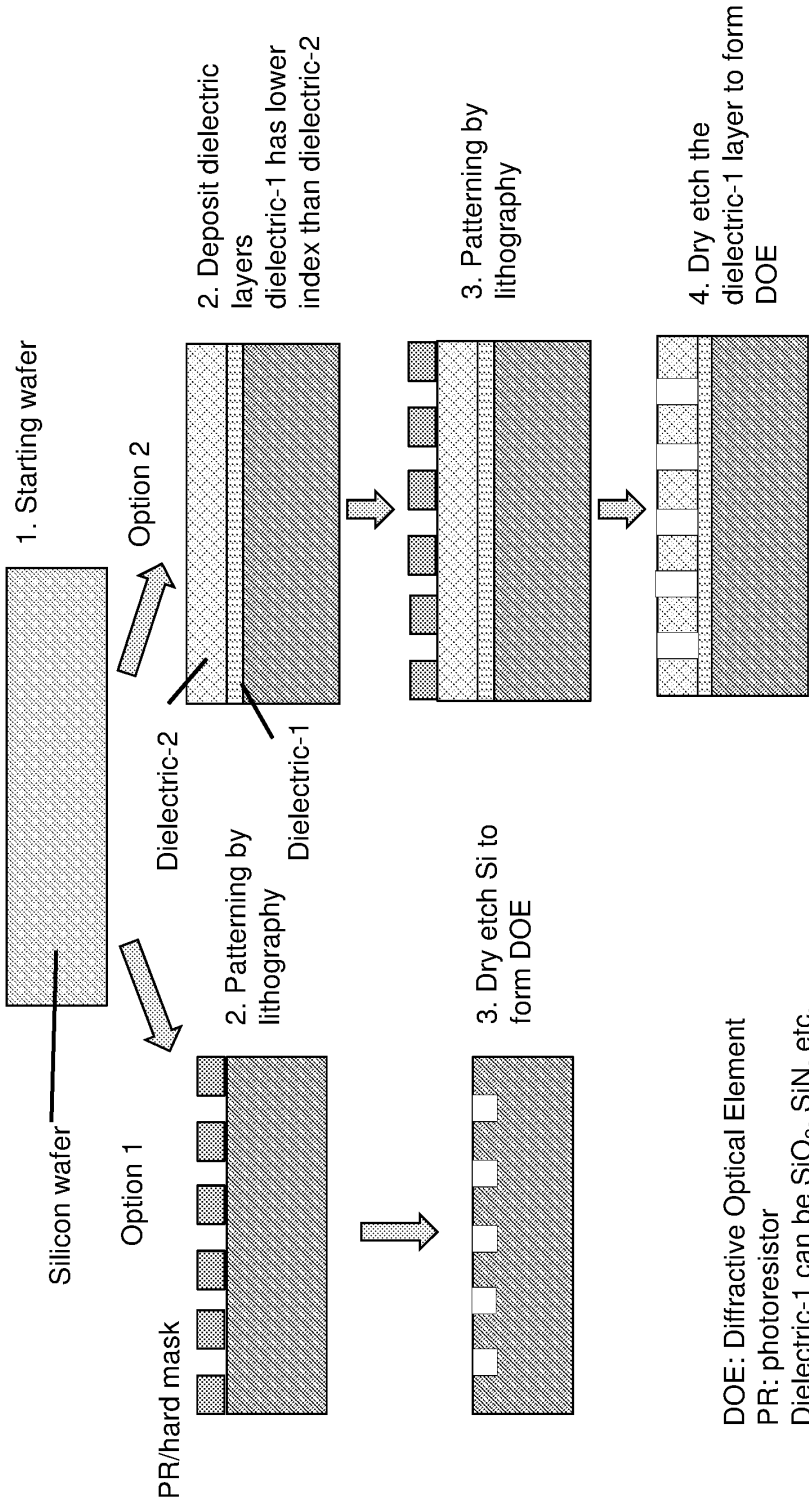
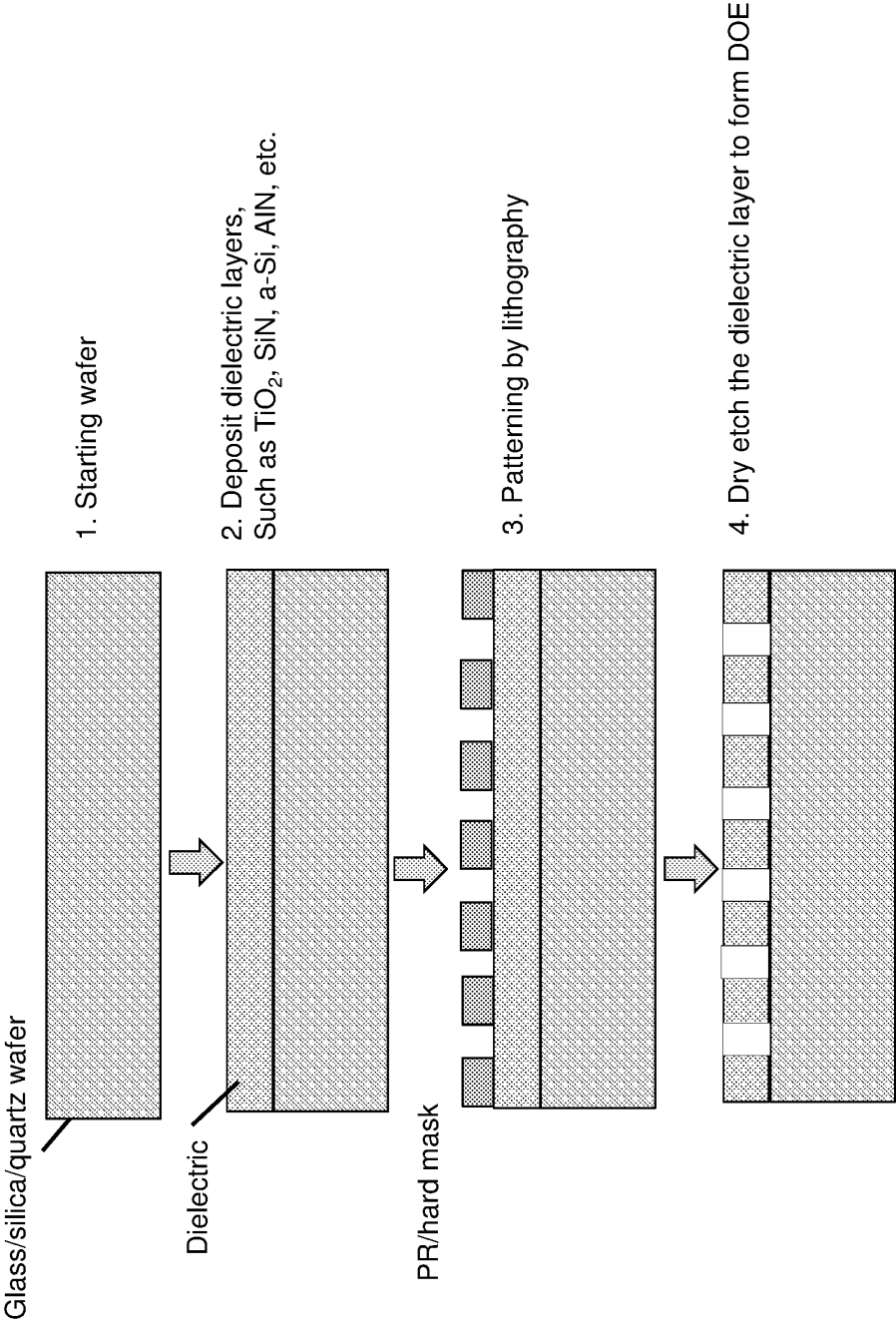


FIG. 1A

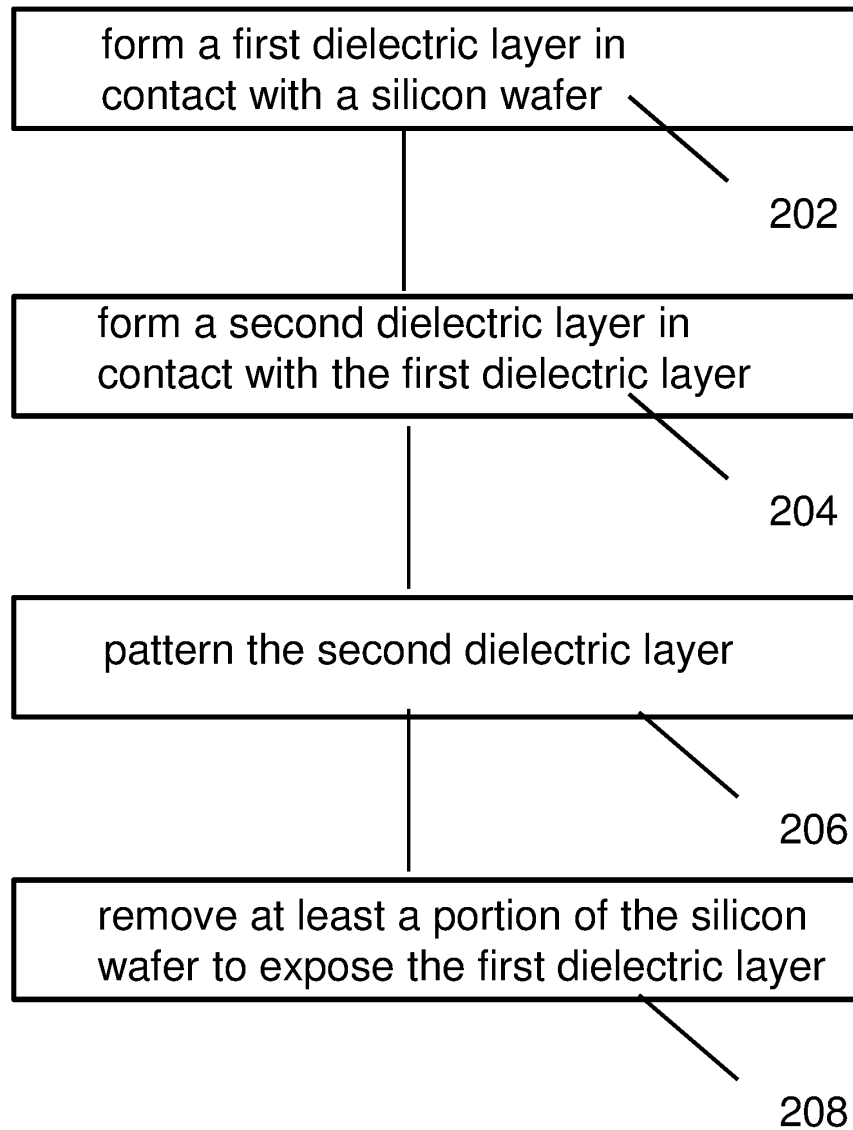


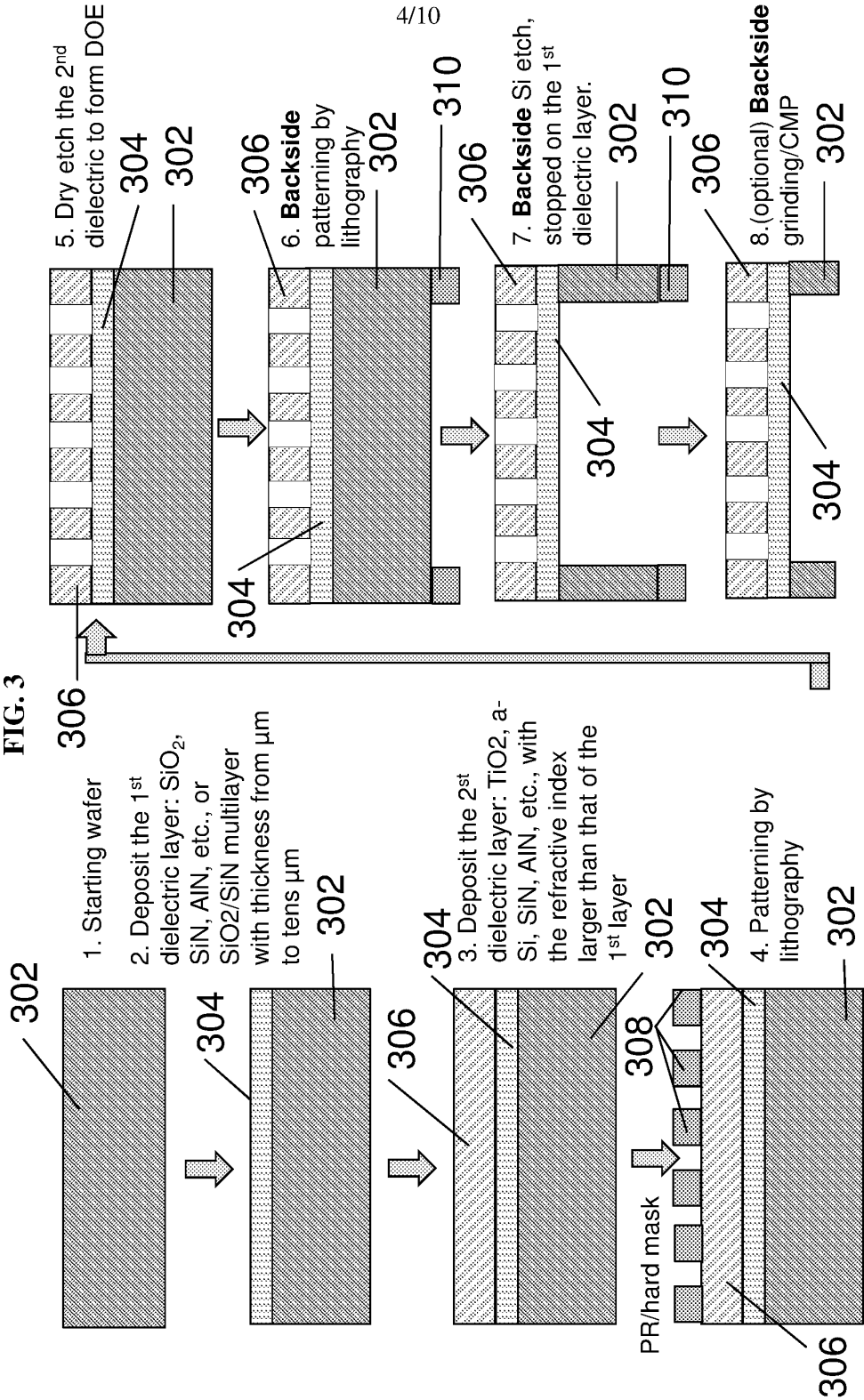
DOE: Diffractive Optical Element
PR: photoresistor
Dielectric-1 can be SiO₂, SiN, etc.
Dielectric-2 can be a-Si, TiO₂, AlN, SiN, etc.

FIG. 1B



3/10
FIG. 2





5/10
FIG. 4

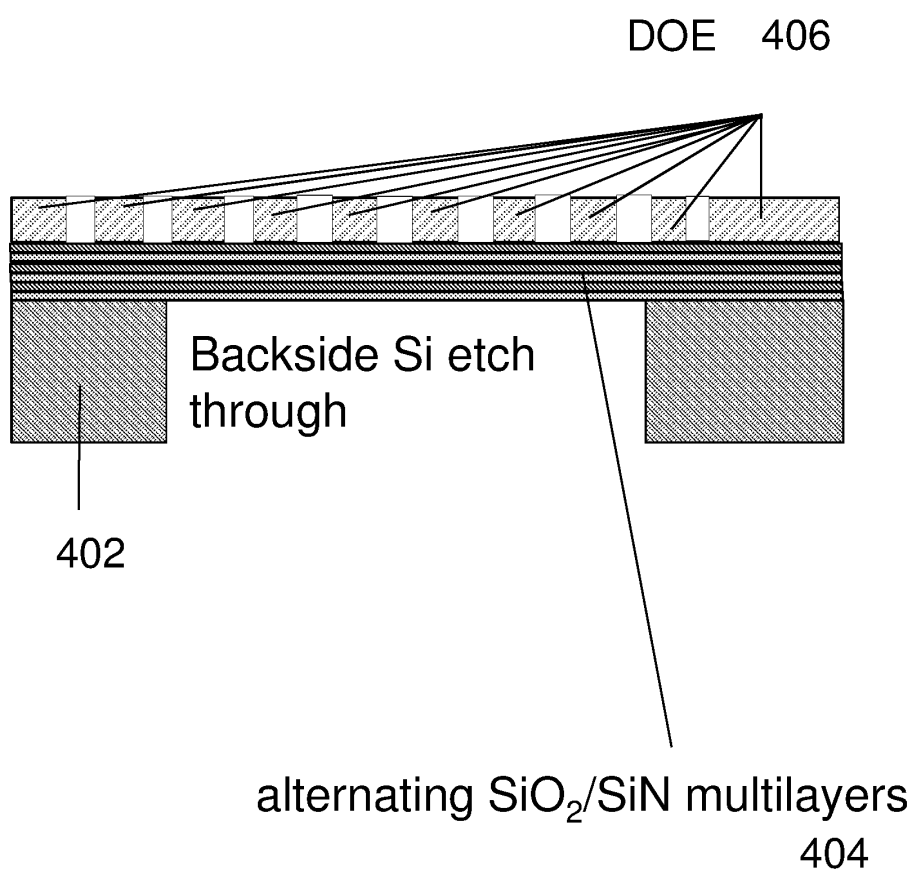
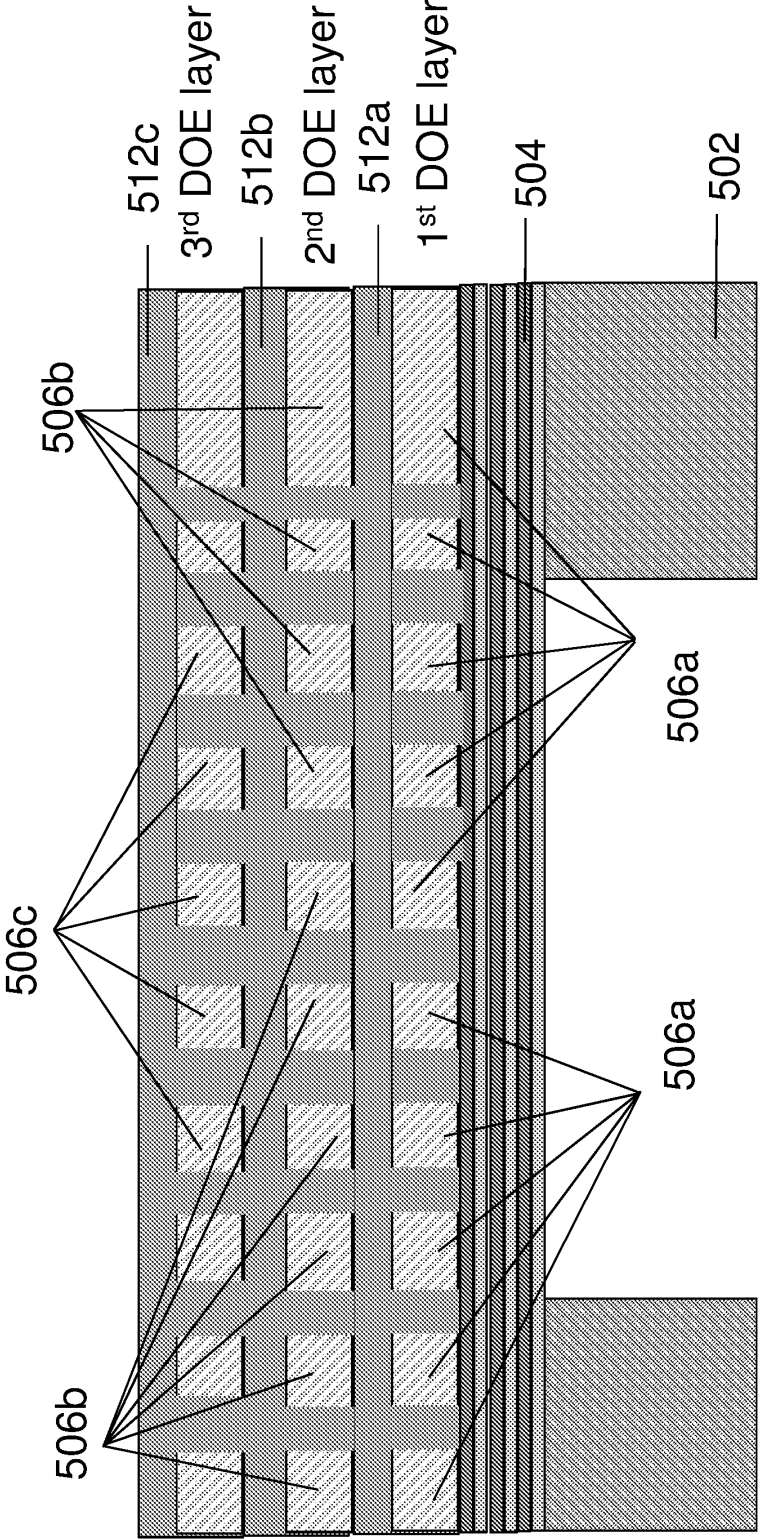


FIG. 5



Backside Si etch through

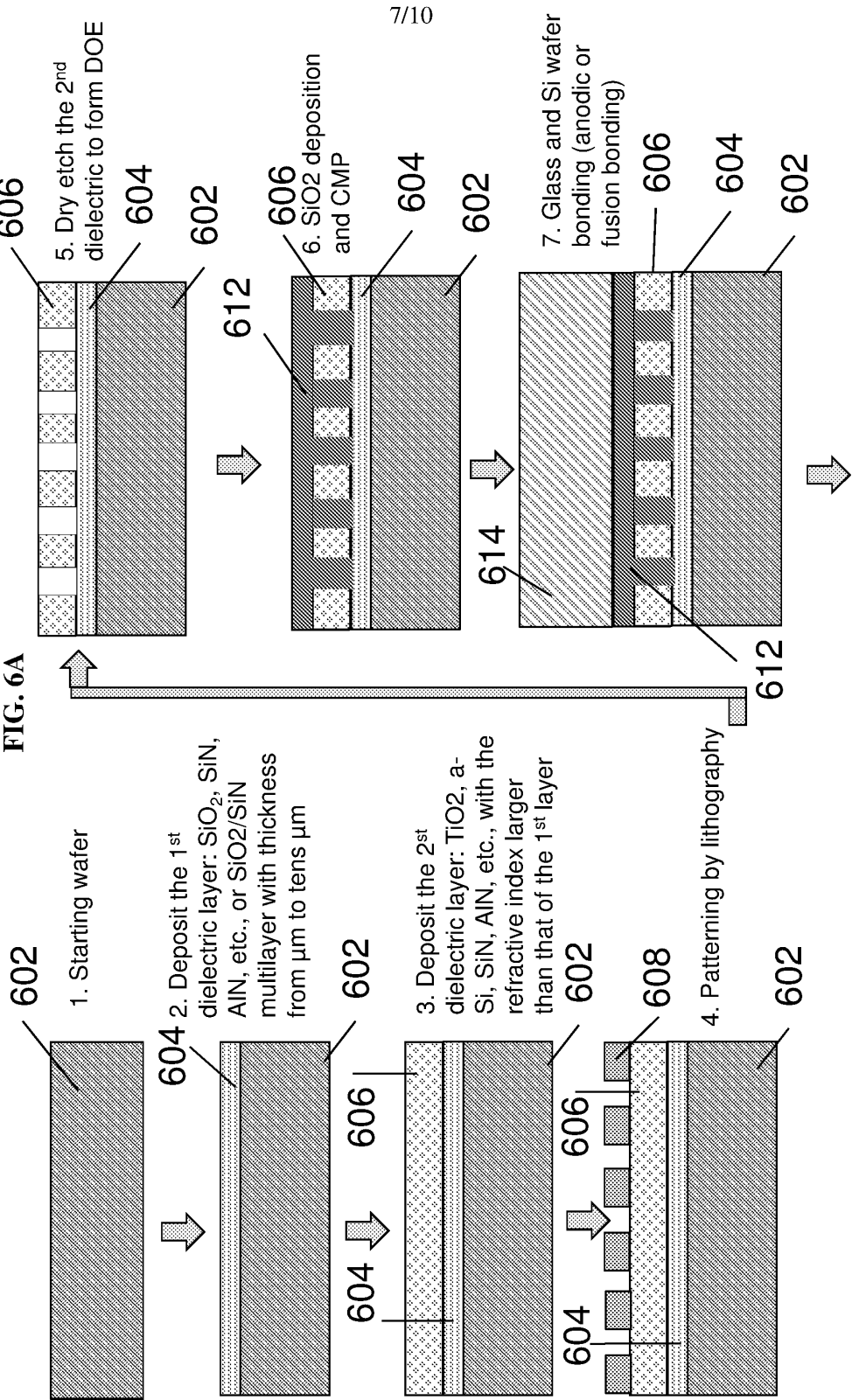


FIG. 6B

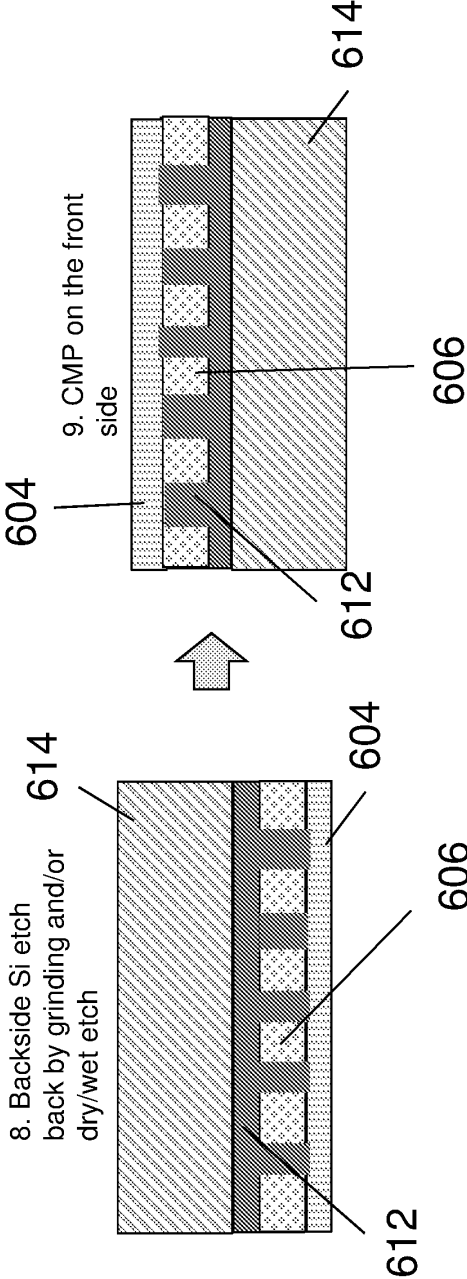


FIG. 7

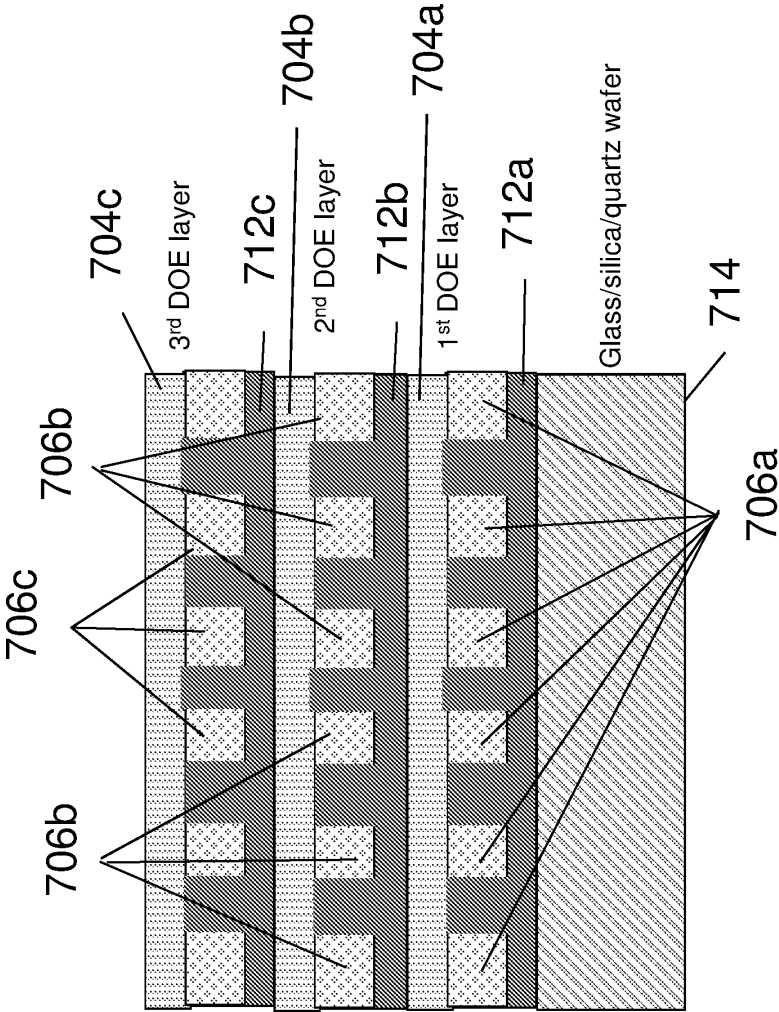


FIG. 8

