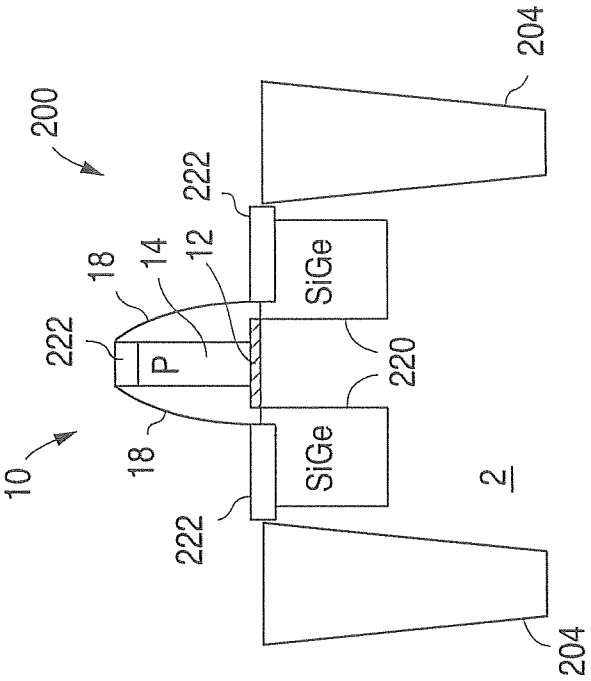

200
204
222
18
14
12
SiGe
222
P
220
10
18
SiGe
2
222
204

FIG. 2

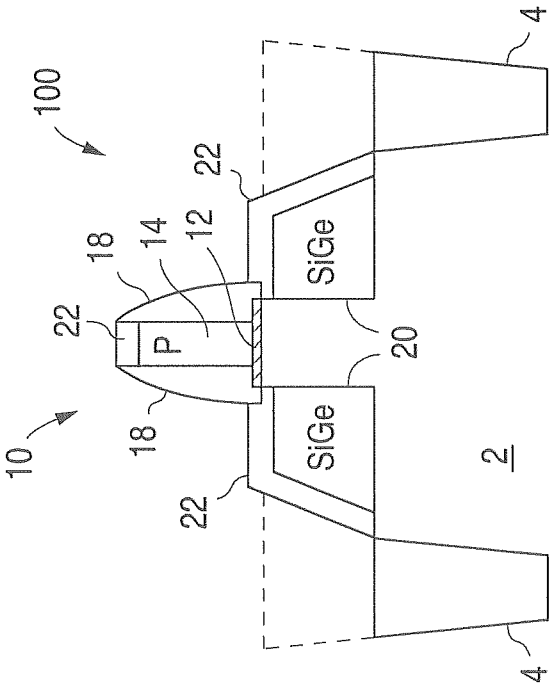

100
4
22
18
14
12
SiGe
22
P
20
10
18
SiGe
2
22
4

FIG. 1

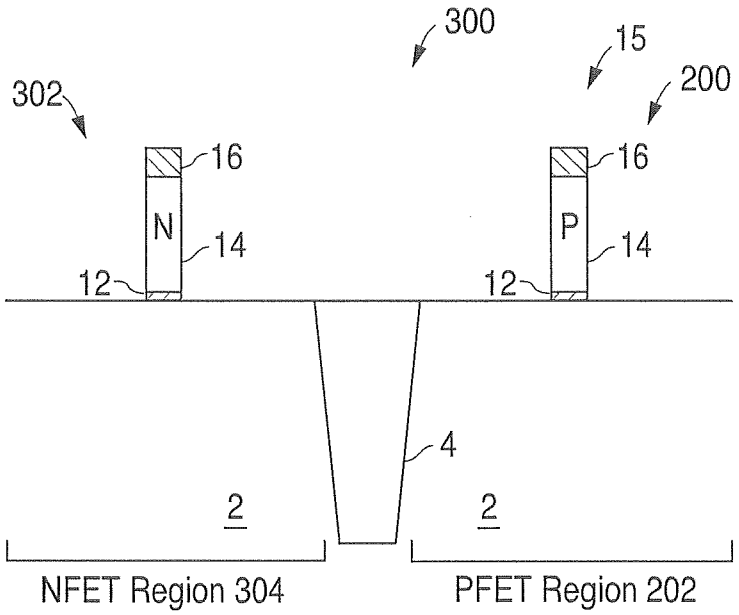

300
15
200
302
16
16
N
P
14
14
12
12
4
2
2
NFET Region 304
PFET Region 202

FIG. 3

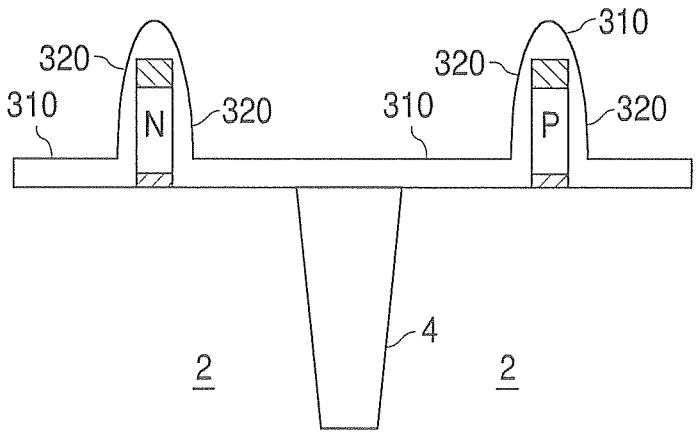

310
320
320
310
320
310
N
P
320
4
2
2

FIG. 4

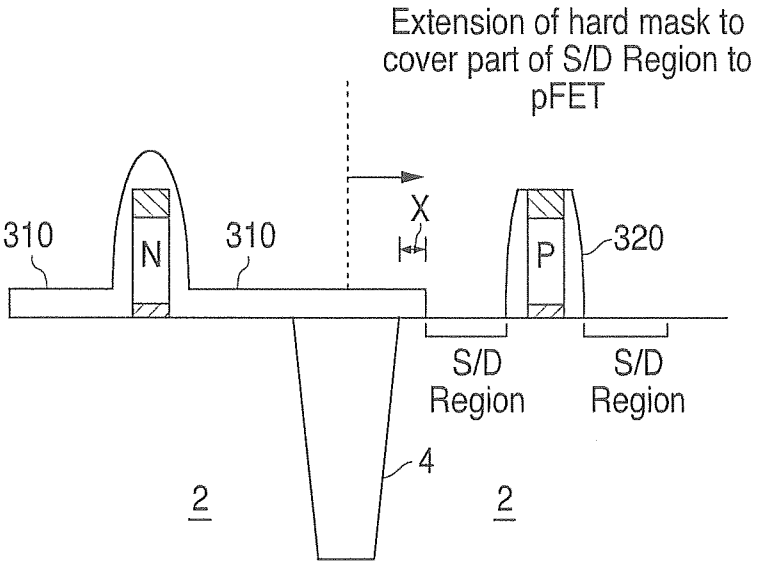

Extension of hard mask to cover part of S/D Region to pFET
X
310
N
310
P
320
S/D Region
S/D Region
4
2
2

FIG. 5

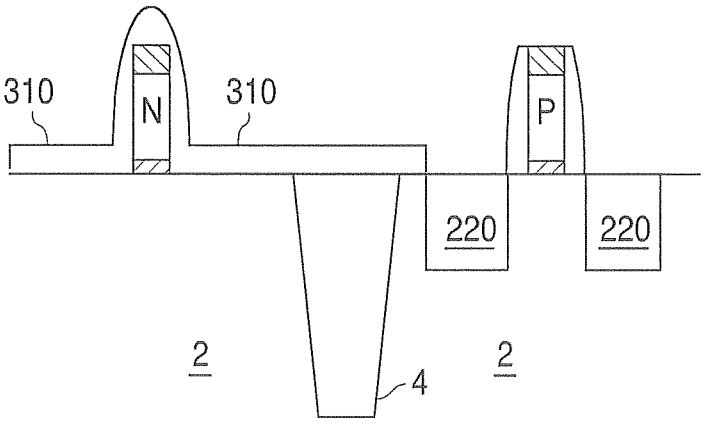

310
N
310
P
220
220
2
2
4

FIG. 6

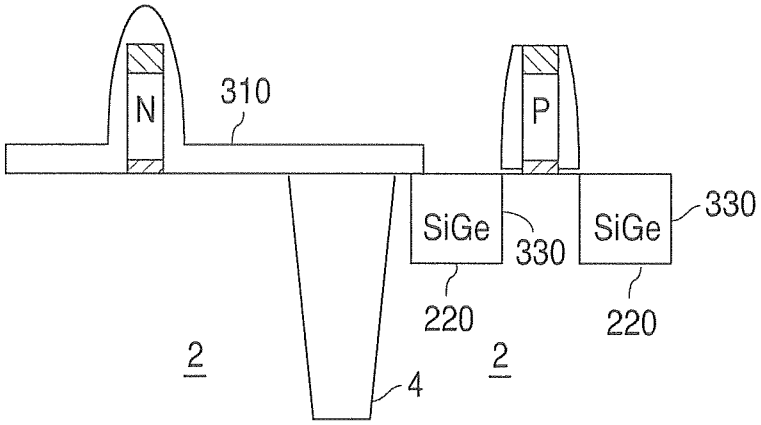


FIG. 7

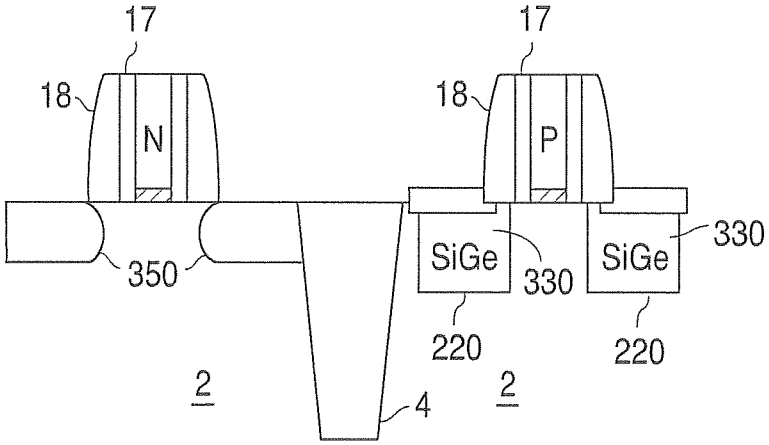


FIG. 8

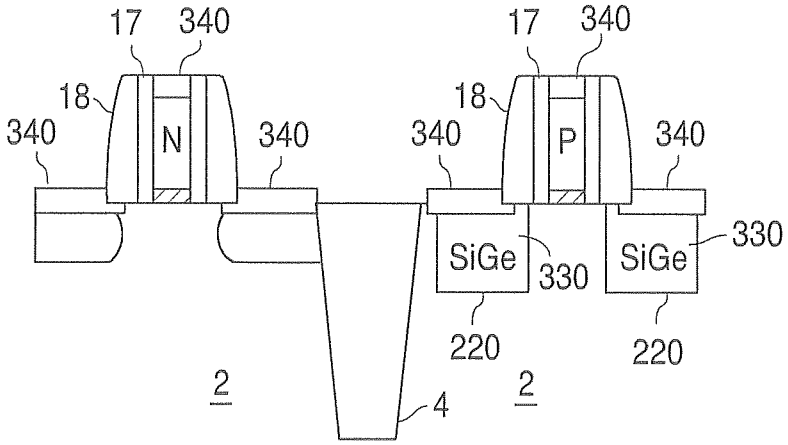


FIG. 9