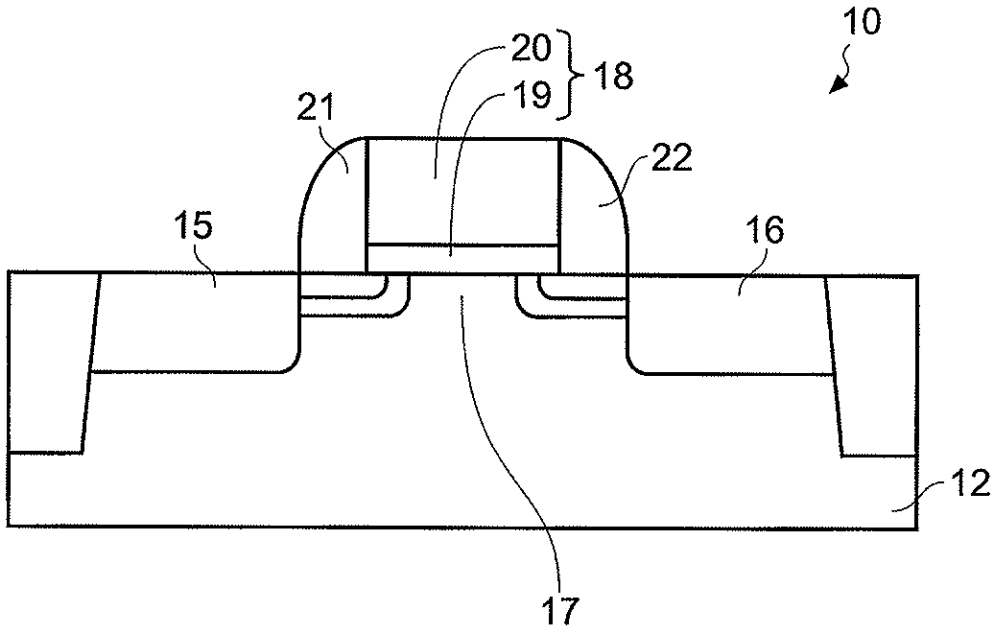


Fig. 1
(PRIOR ART)

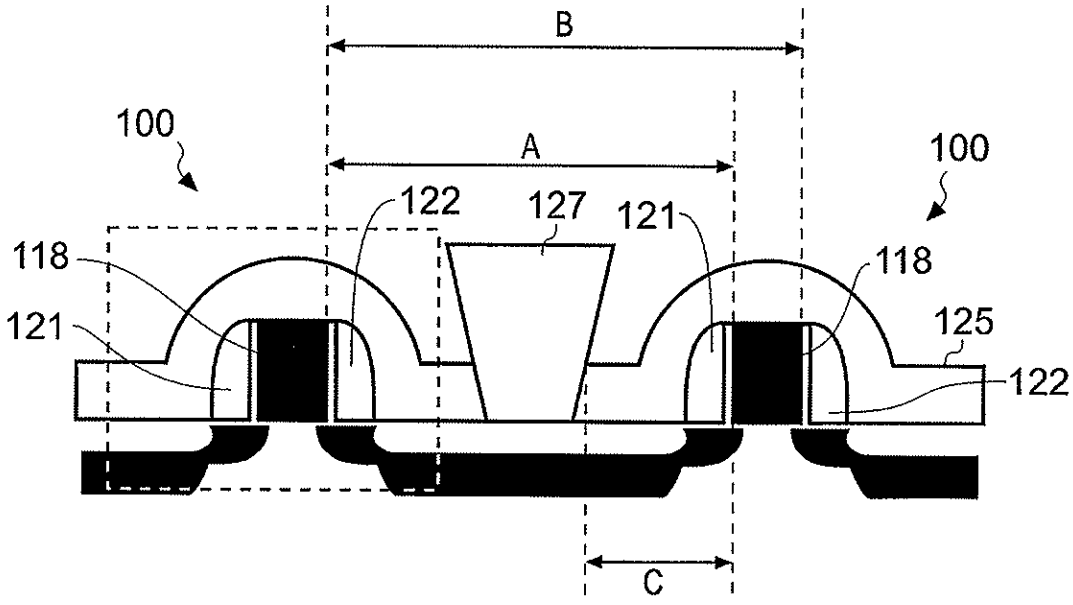


Fig. 2
(PRIOR ART)

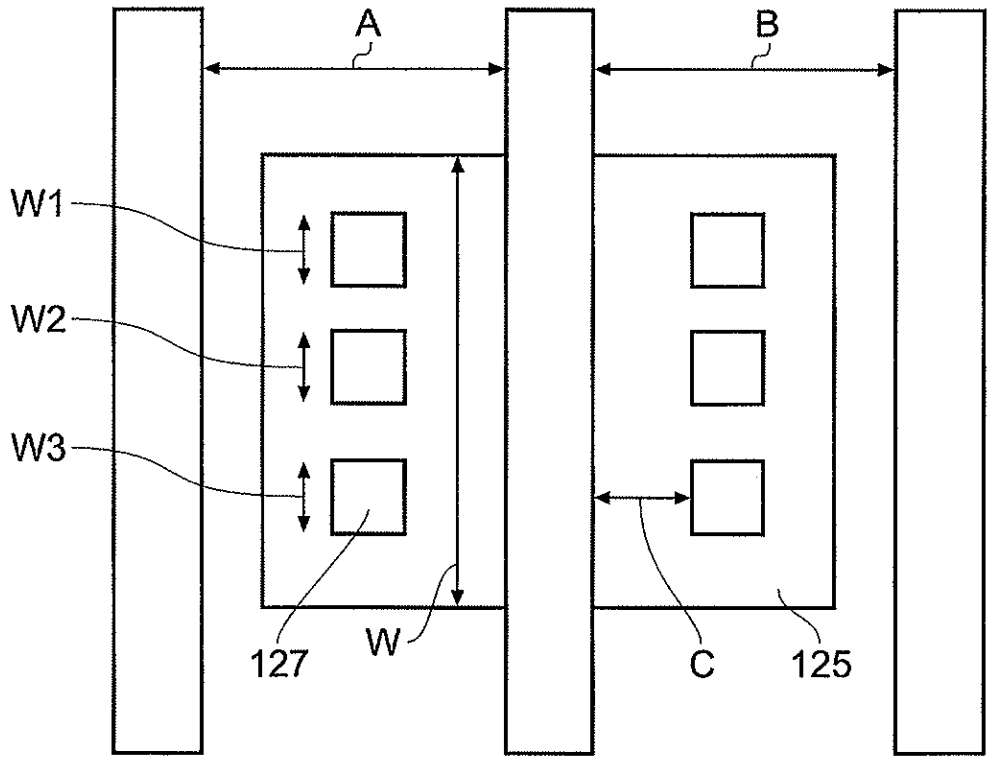


Fig. 3

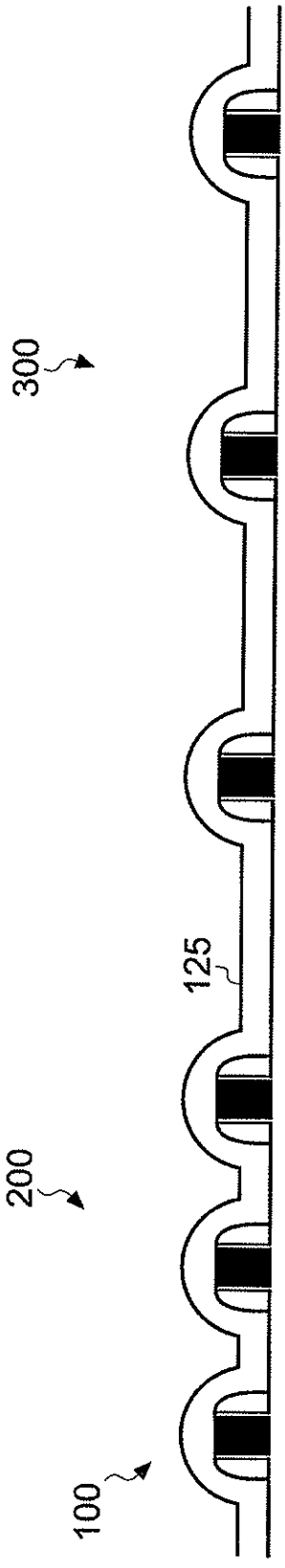


Fig. 4

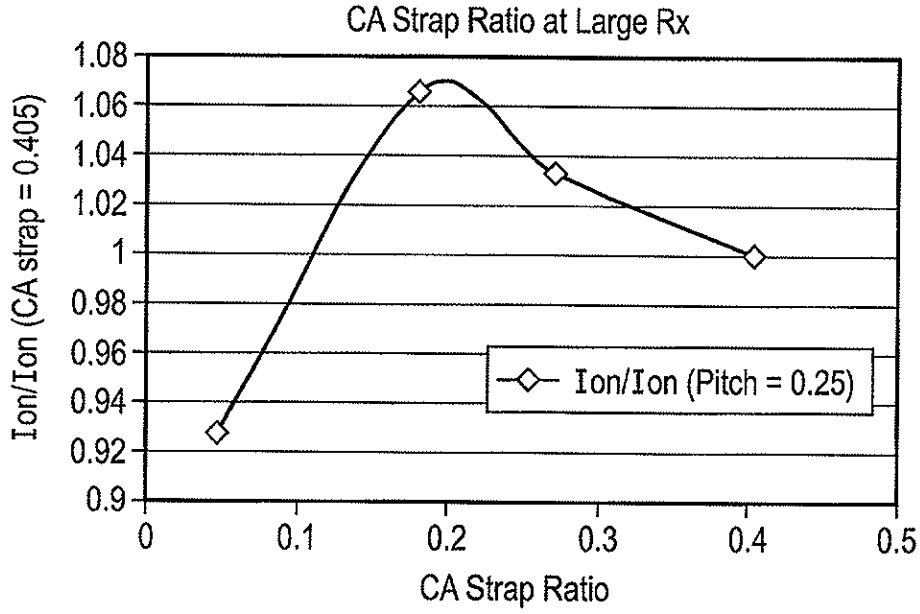

CA Strap Ratio at Large Rx
Ion/Ion (CA strap = 0.405)
1.08
1.06
1.04
1.02
1
0.98
0.96
0.94
0.92
0.9
0
0.1
0.2
0.3
0.4
0.5
CA Strap Ratio
Ion/Ion (Pitch = 0.25)

Fig. 5

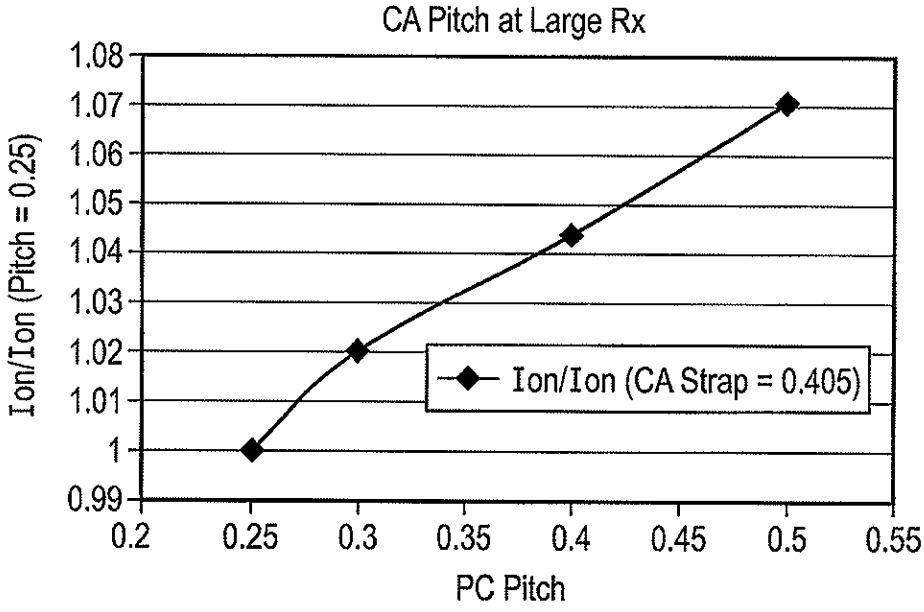

CA Pitch at Large Rx
1.08
1.07
1.06
1.05
1.04
1.03
1.02
1.01
1
0.99
Ion/Ion (Pitch = 0.25)
Ion/Ion (CA Strap = 0.405)
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
PC Pitch

Fig. 6

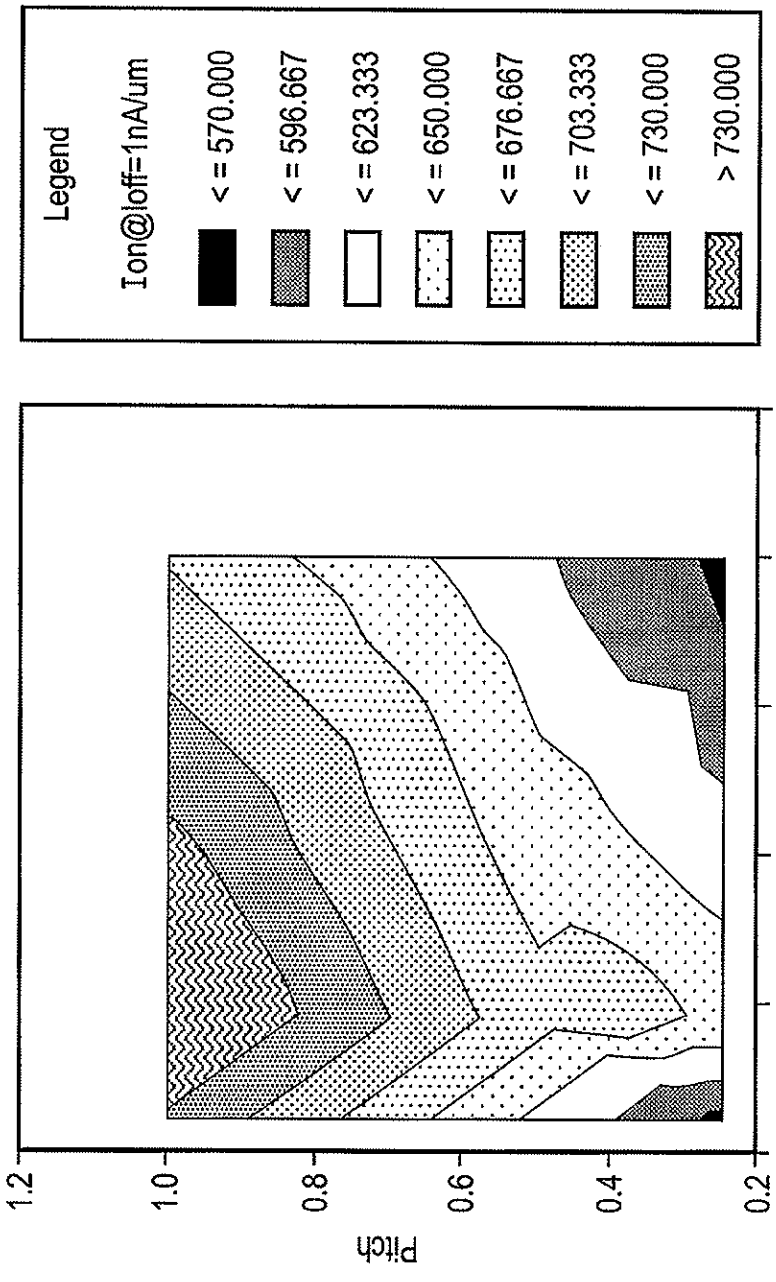

Legend
Ion@Ioff=1nA/um
< = 570.000
< = 596.667
< = 623.333
< = 650.000
< = 676.667
< = 703.333
< = 730.000
> 730.000
Pitch
1.2
1.0
0.8
0.6
0.4
0.2
.0
.2
.4
.6
.8
1.0
CA Strap Ratio

Fig. 7