

FIGURE 1

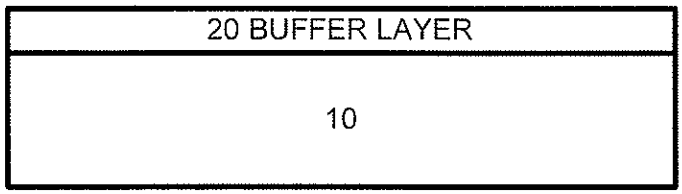


FIGURE 2

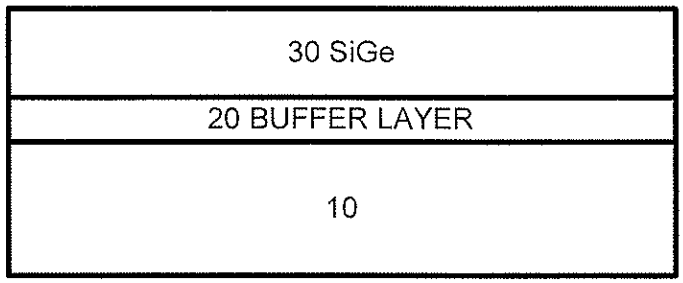


FIGURE 3

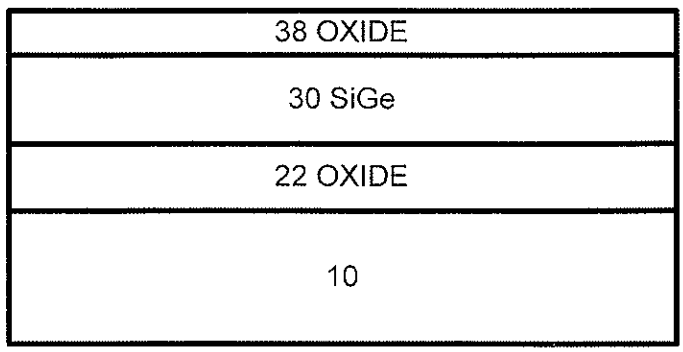


FIGURE 4

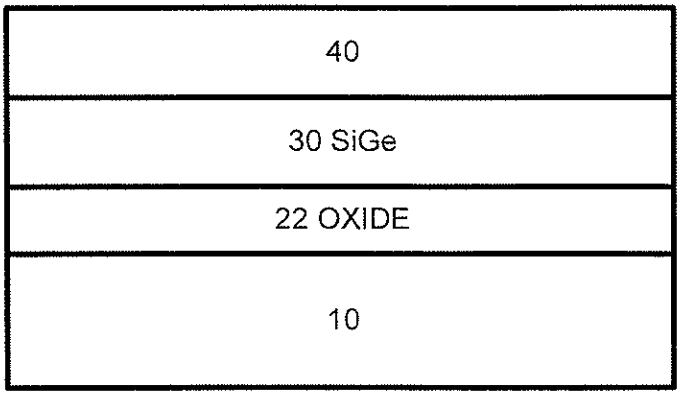


FIGURE 5

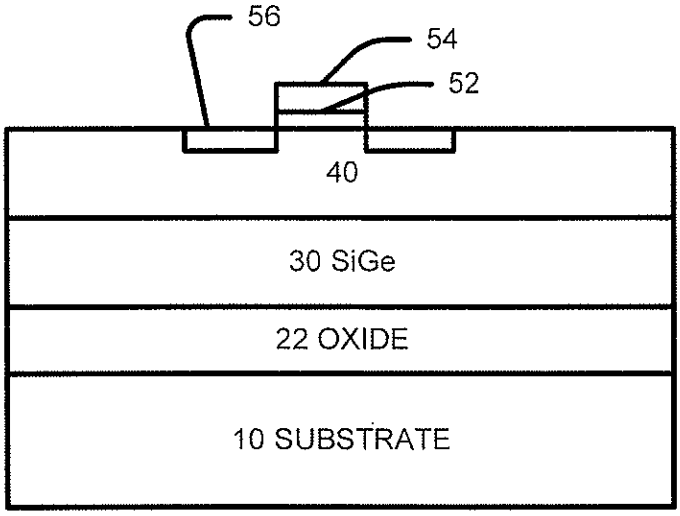


FIGURE 6

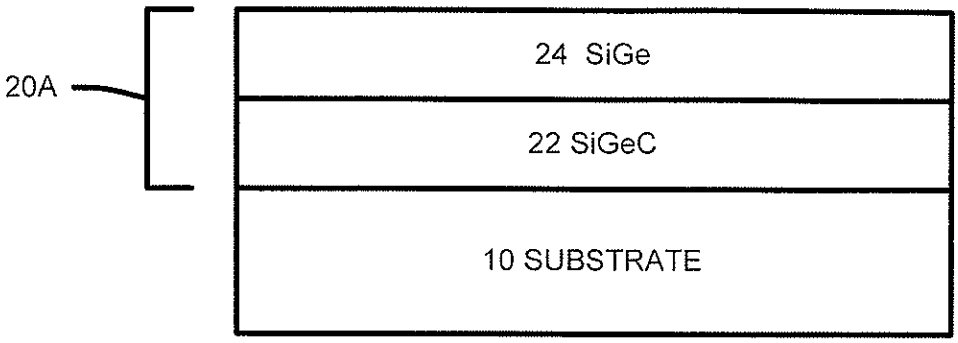


FIGURE 2A-1

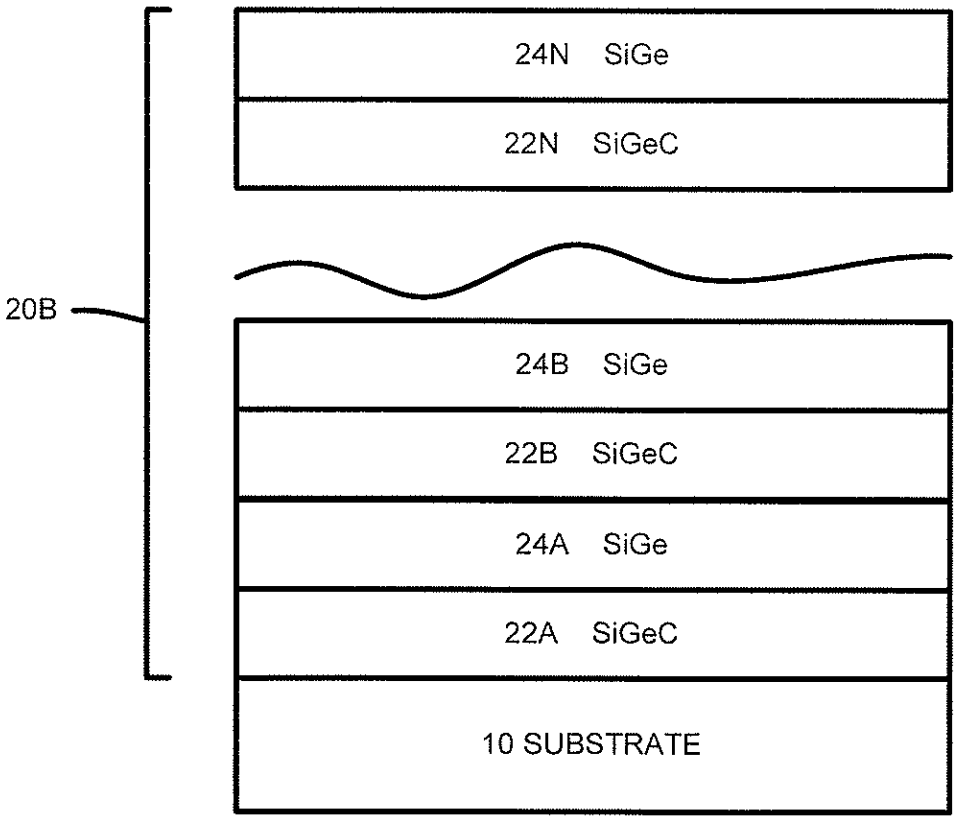


FIGURE 2A-2

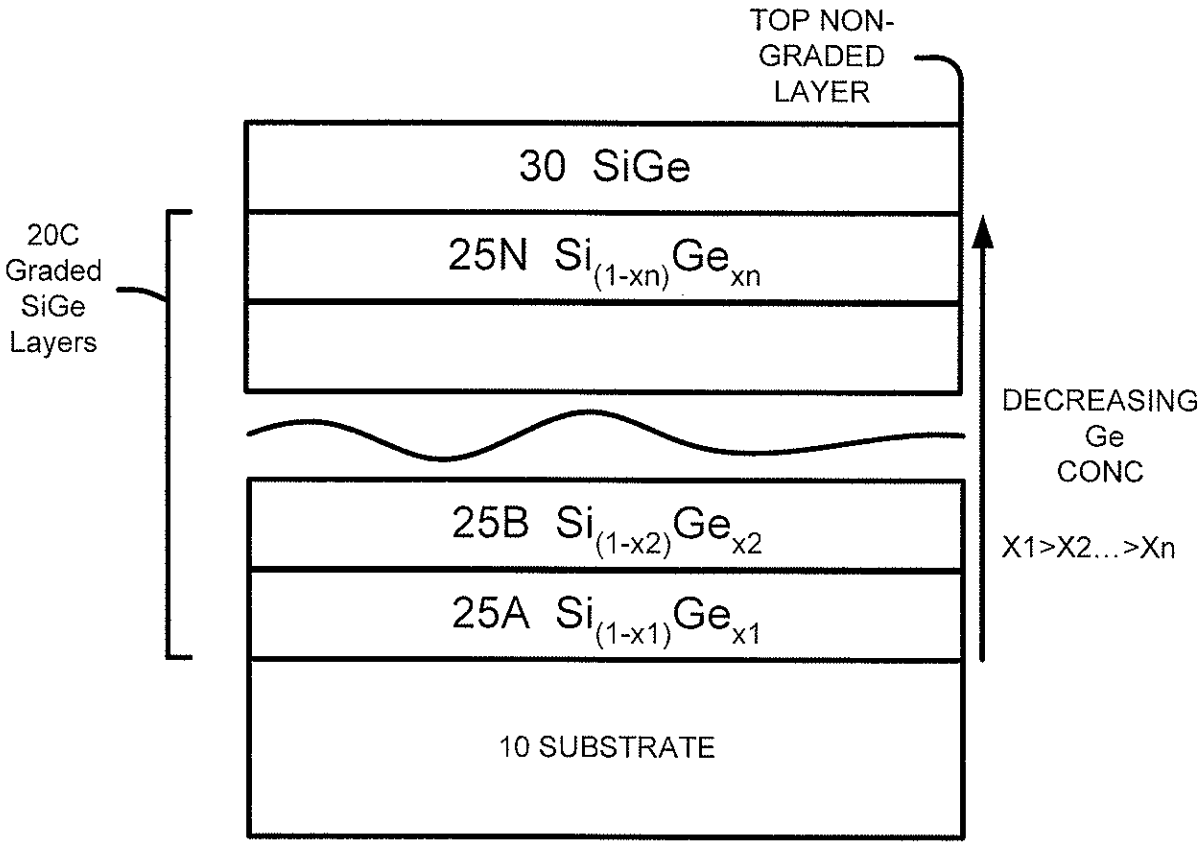

TOP NON-
GRADED
LAYER
30 SiGe
25N $Si_{(1-xn)}Ge_{xn}$
20C
Graded
SiGe
Layers
DECREASING
Ge
CONC
X1>X2...>Xn
25B $Si_{(1-x2)}Ge_{x2}$
25A $Si_{(1-x1)}Ge_{x1}$
10 SUBSTRATE

FIGURE 2A-3