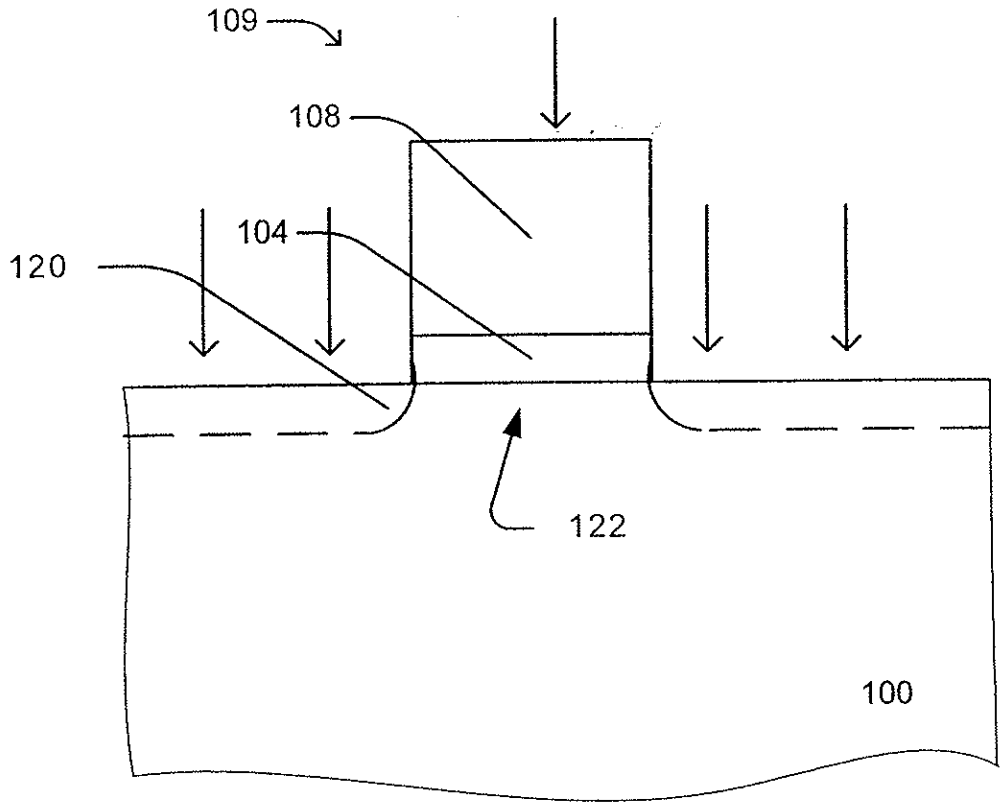


FIGURE 1A

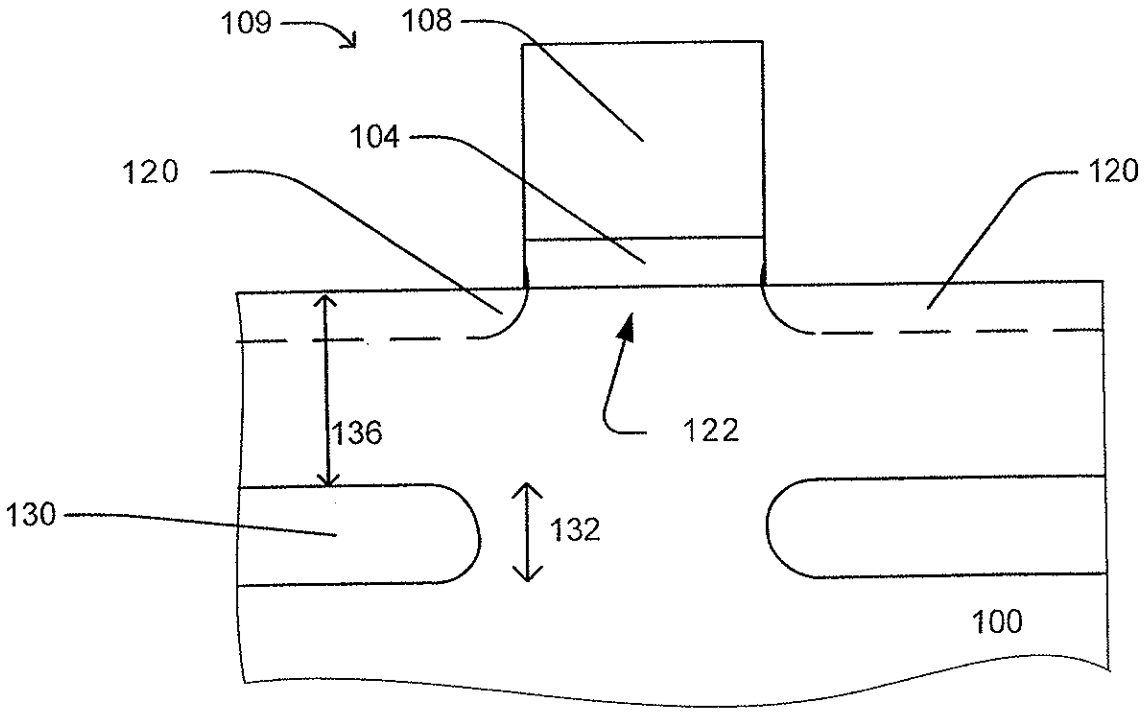


FIGURE 1B

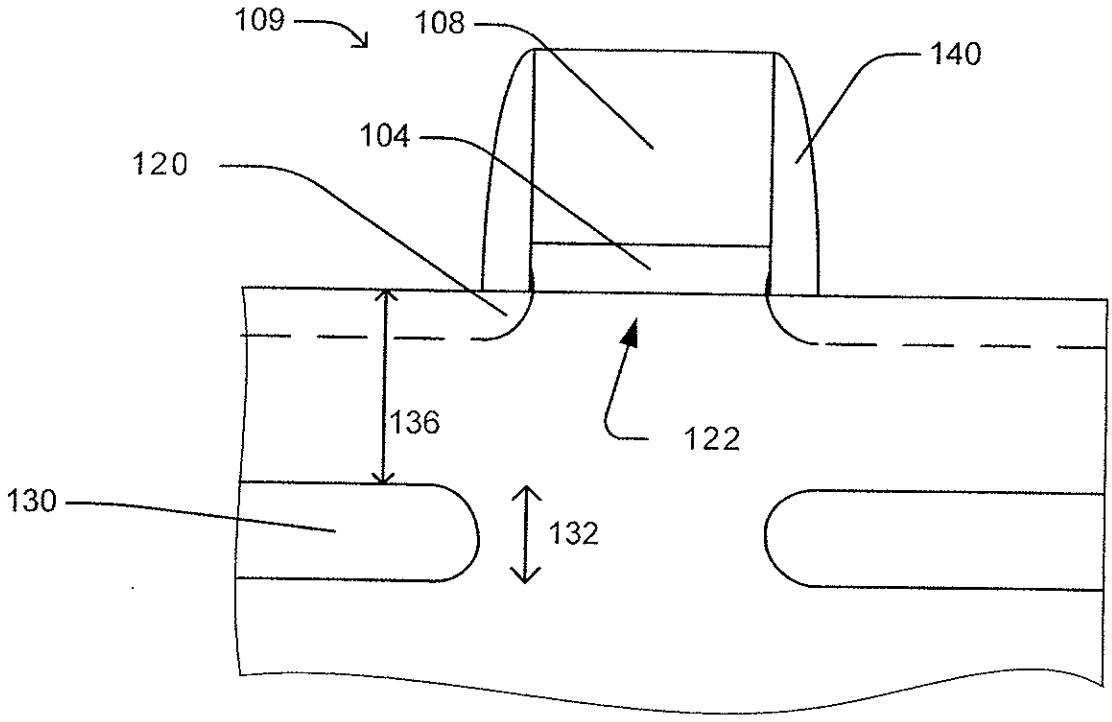


FIGURE 1C

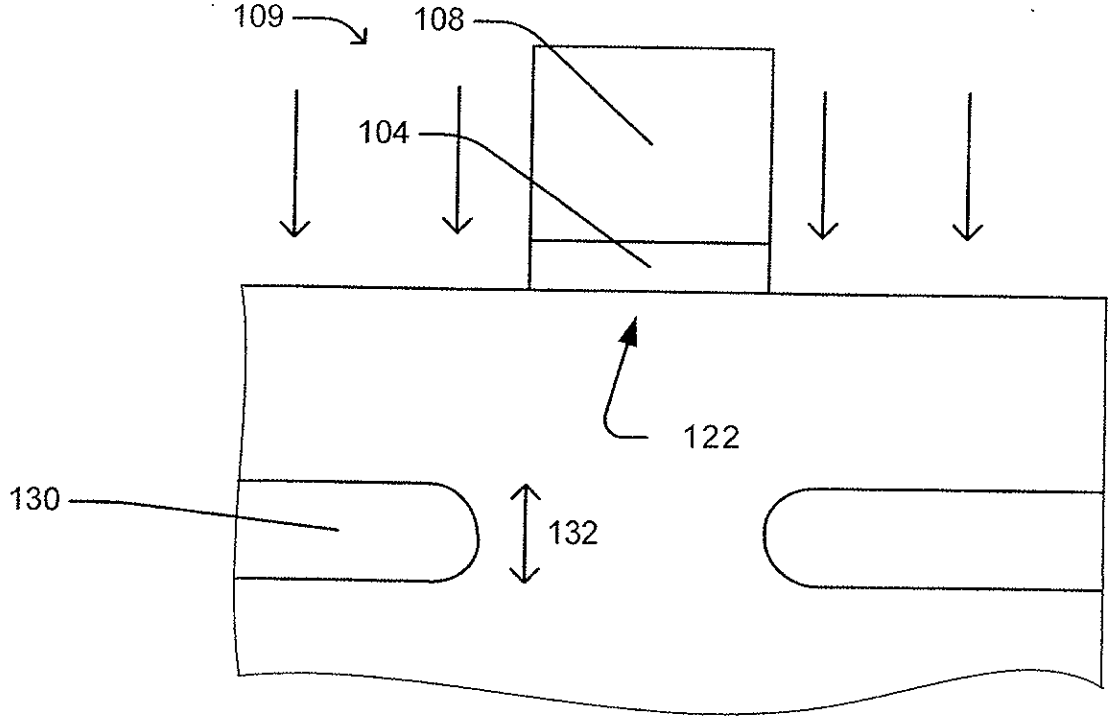


FIGURE 2A

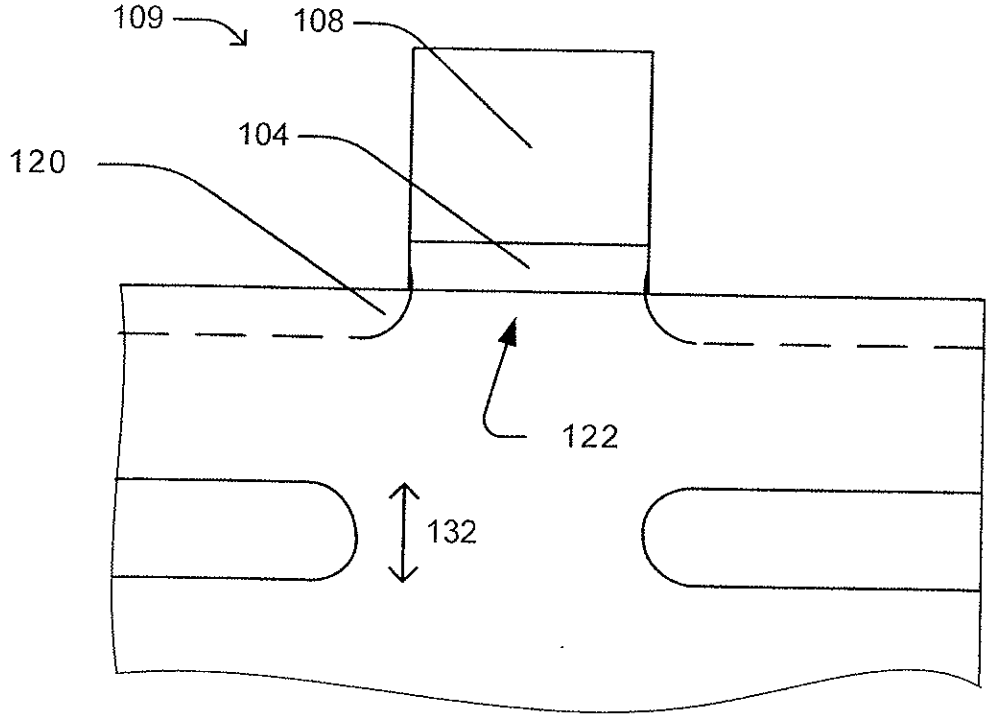


FIGURE 2B

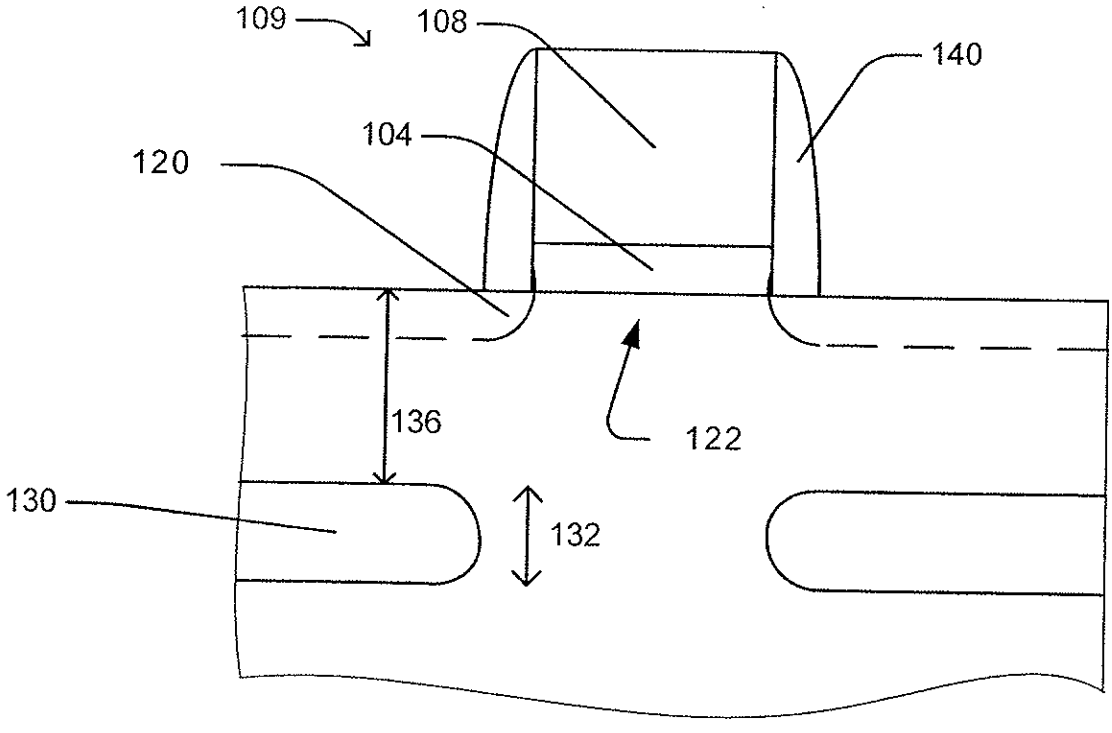


FIGURE 2C

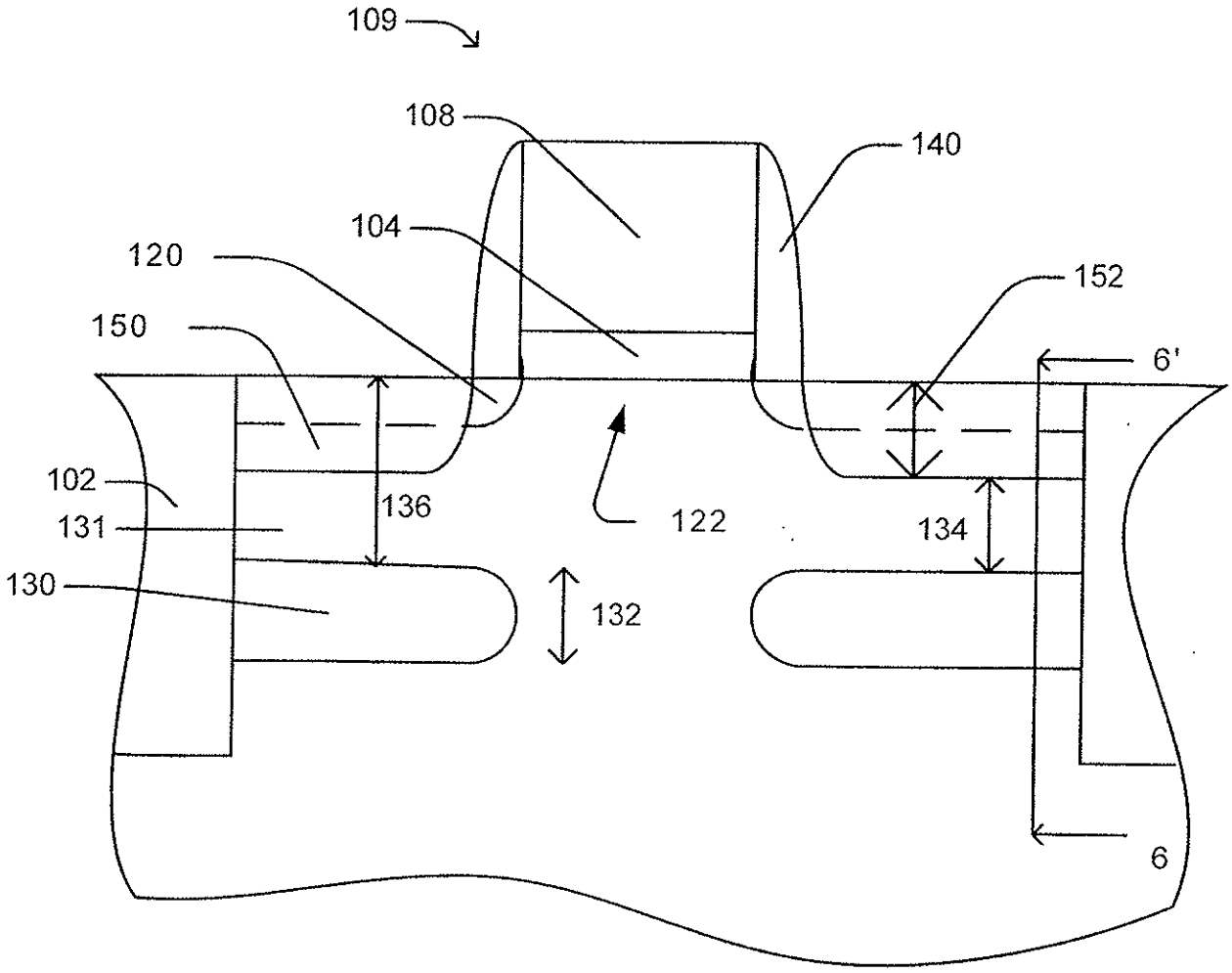


FIGURE 3A

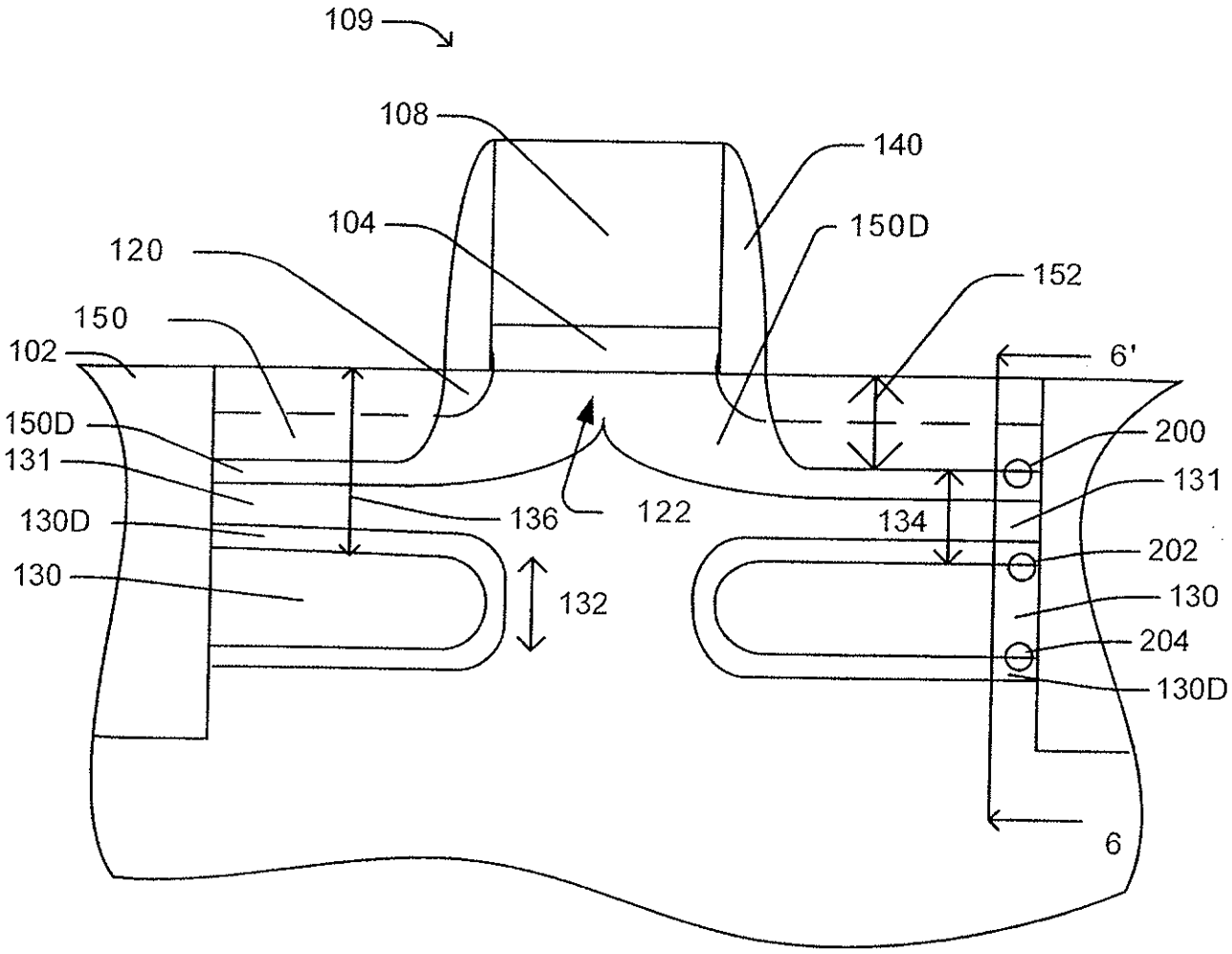

109
108
140
104
150D
120
152
150
6'
102
150D
200
131
131
136
122
134
130D
202
130
132
130
204
130D
6

FIGURE 3B

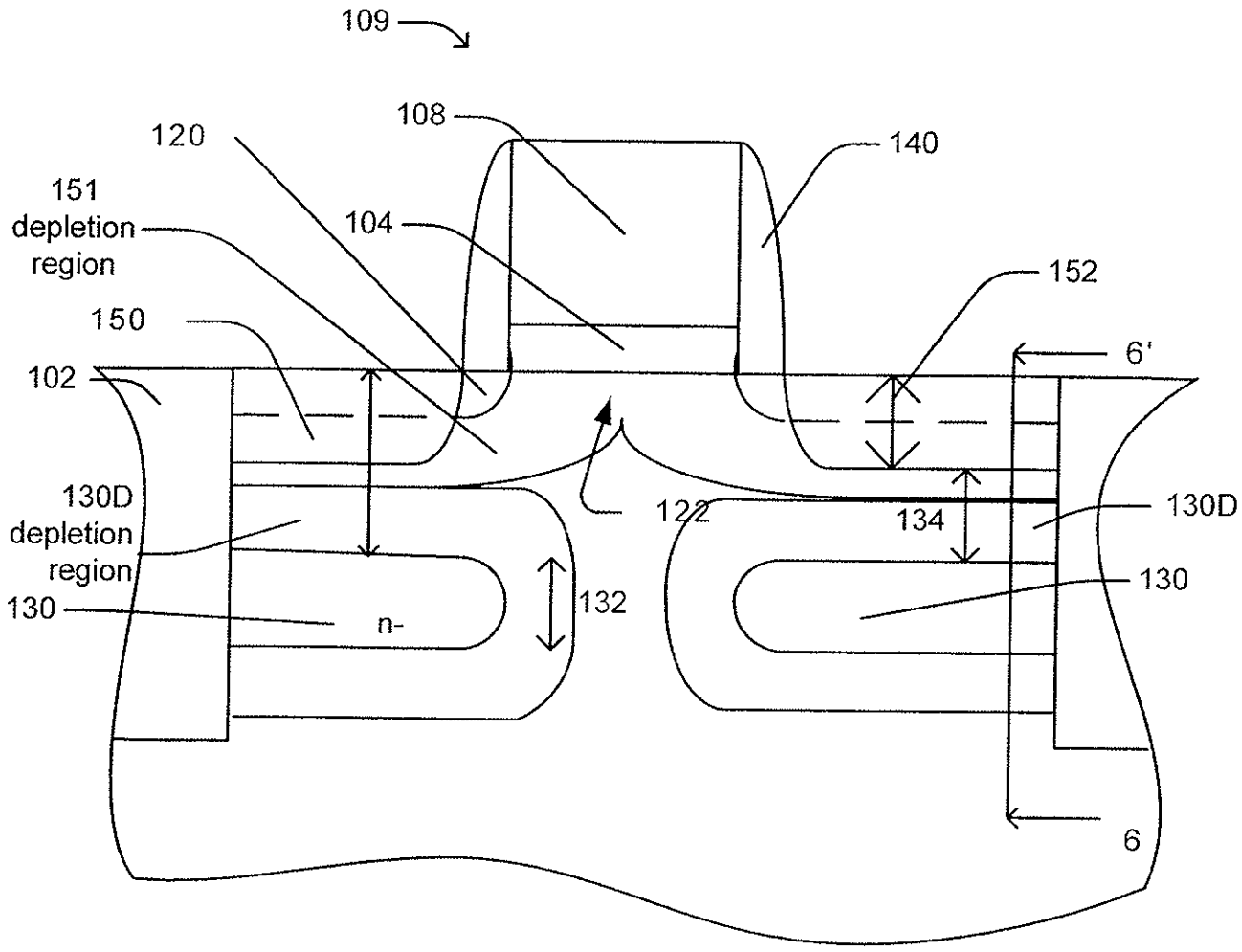


FIGURE 3C

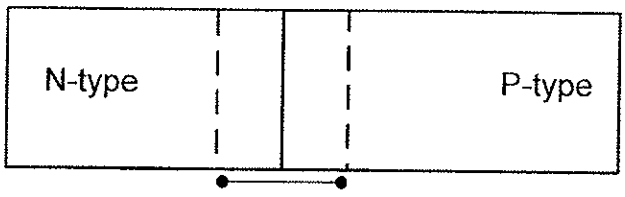


FIGURE 3C-1
PRIOR ART

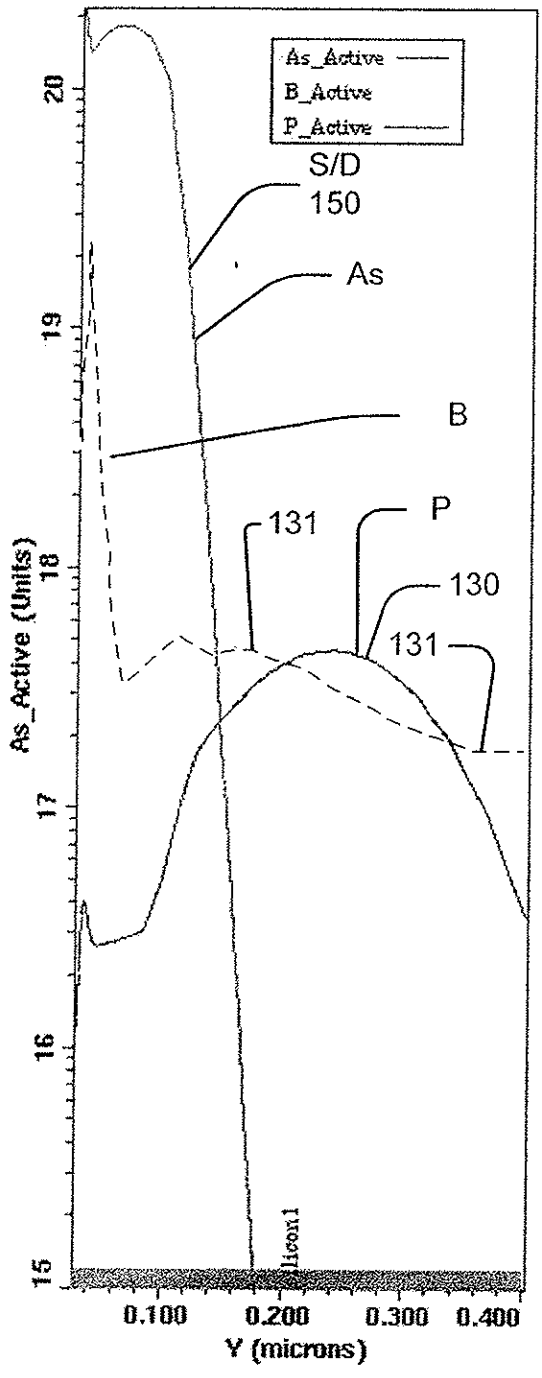


FIGURE 4A

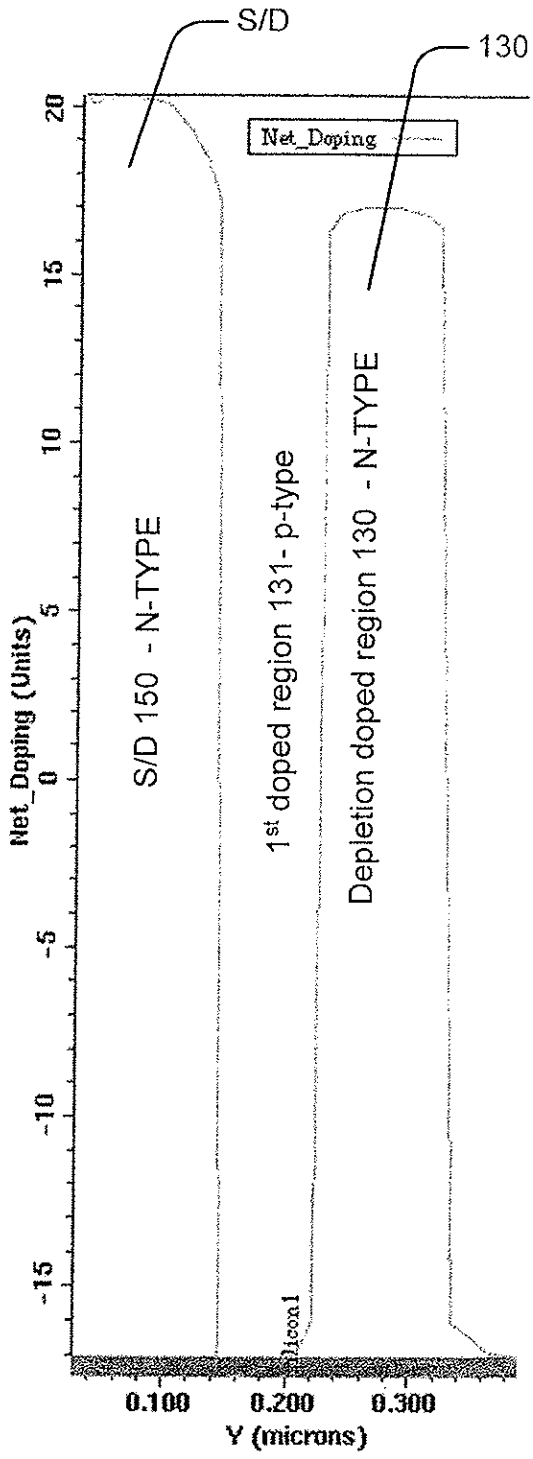


FIGURE 4B

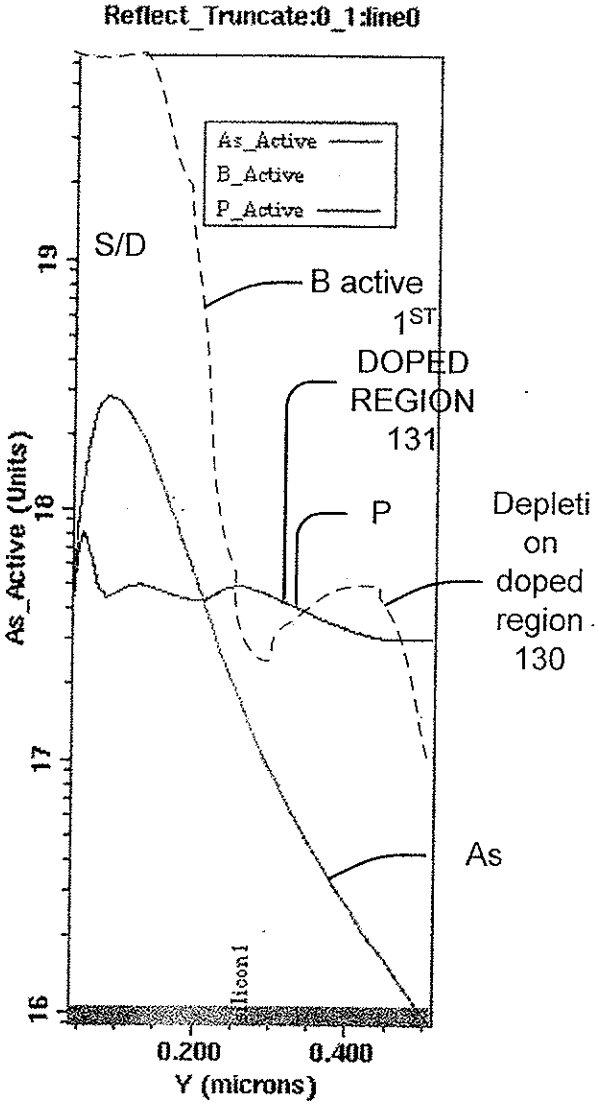


FIGURE 5A

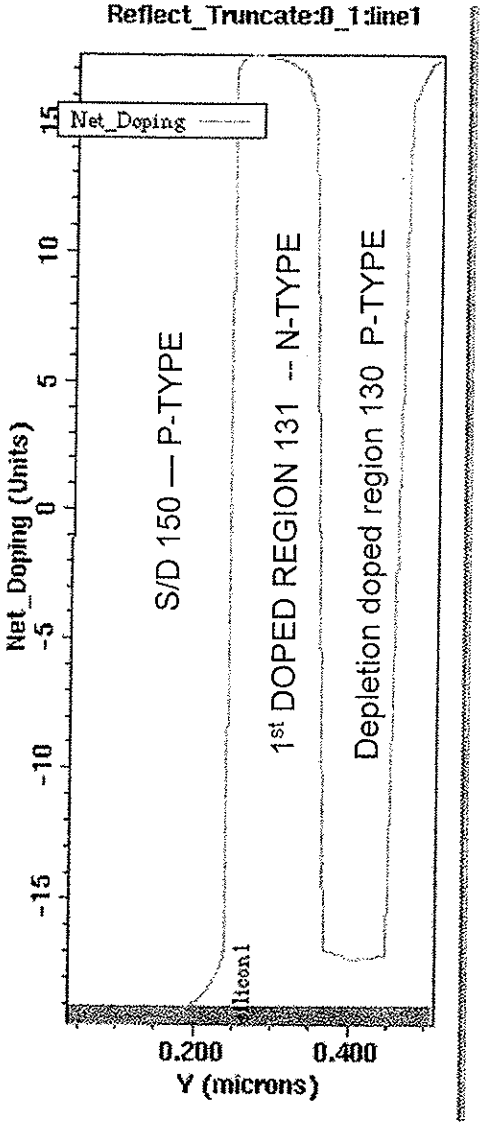


FIGURE 5B

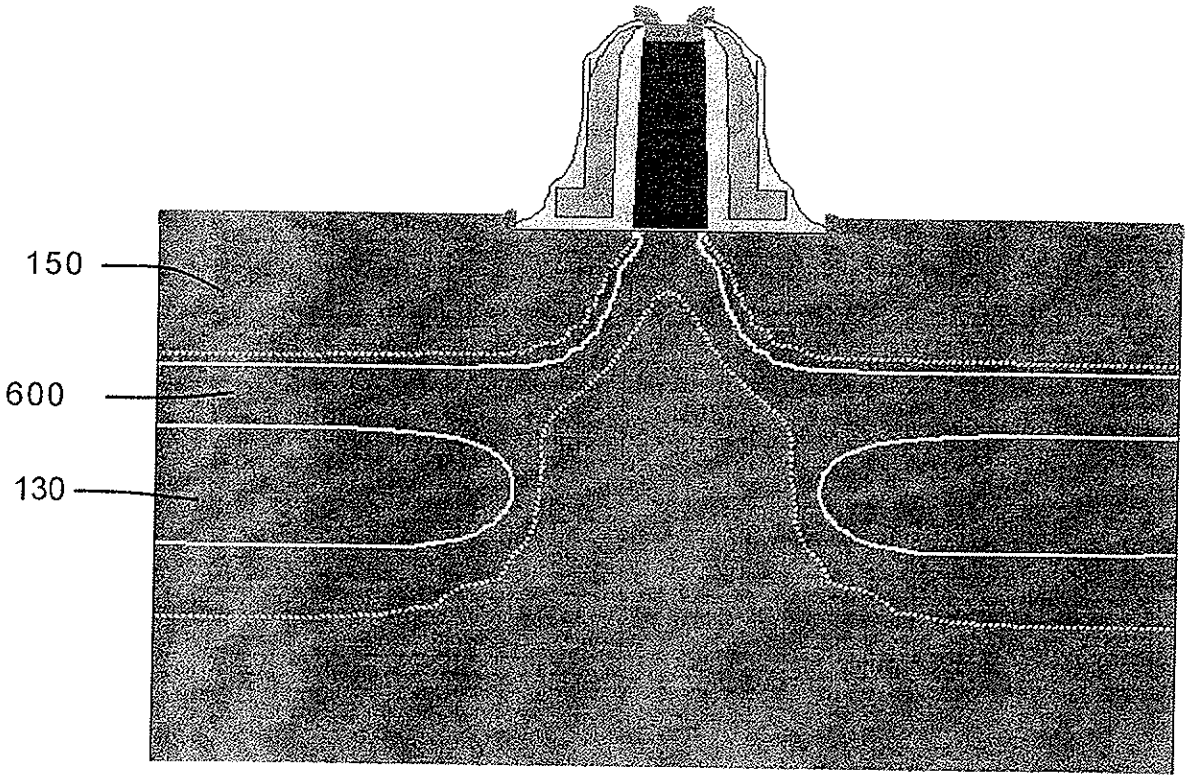
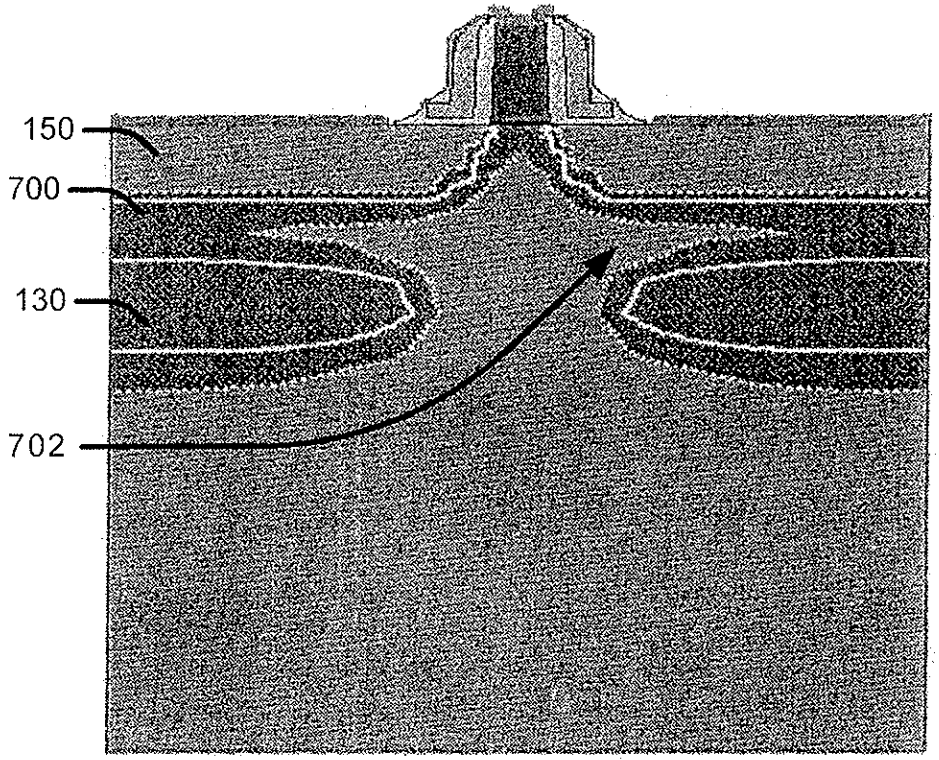


FIGURE 6



	NMOSFET	
	SDSODEL	Conventional
Energy (keV)	155	~
Dose (atoms/cm2)	1.00E+13	~
cj @ 0V(F/cm2)	8.00E-08	1.93E-07
Cj @ 1.2V(F/cm2)	3.43E-08	1.30E-07

Cj : JUNCTION CAPACITANCE BETWEEN SOURCE/DRAIN

FIGURE 7

FIG. 8A

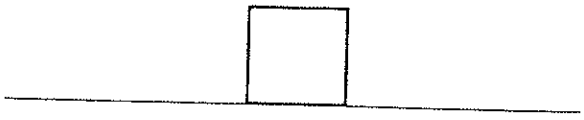


FIG. 8B

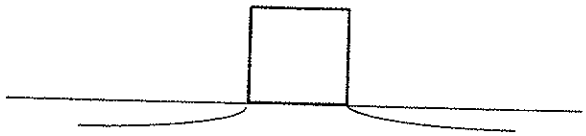


FIG. 8C

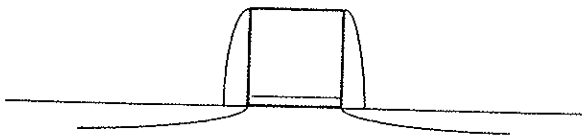
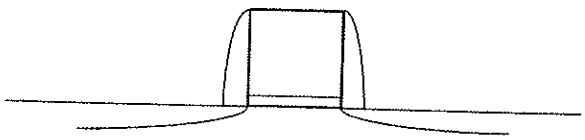


FIG. 8D



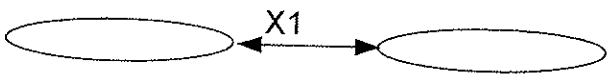
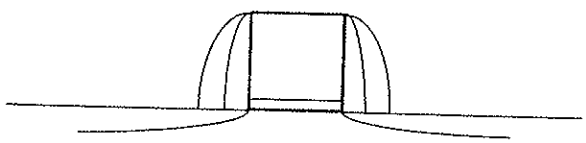


FIG. 8D-1



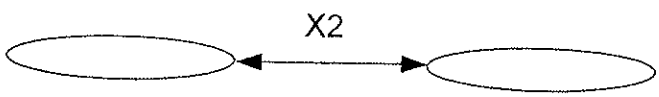
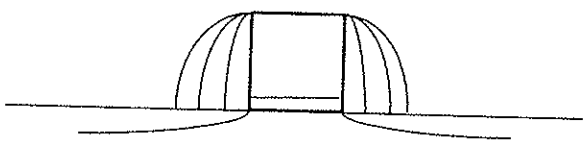


FIG. 8D-2



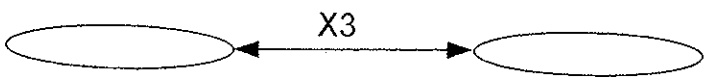


FIG. 8E

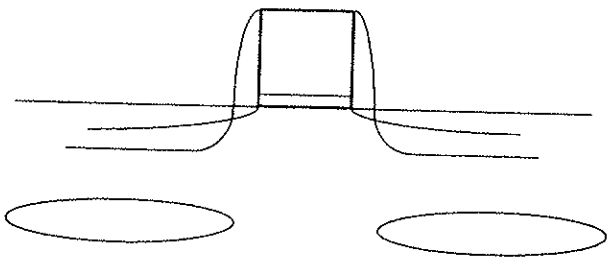


FIG. 9A

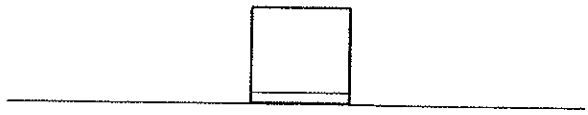


FIG. 9B

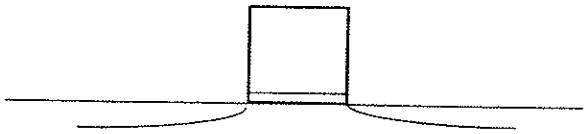


FIG. 9C

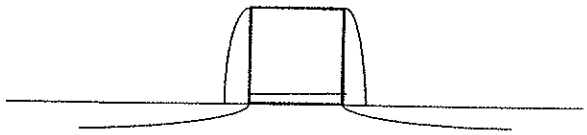


FIG. 9D

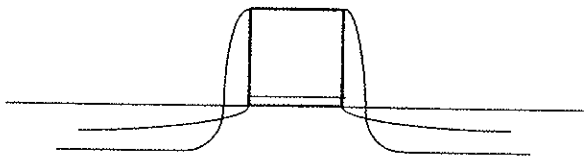


FIG. 9E

