FIG. 1B

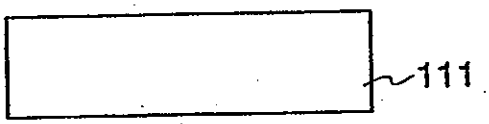


FIG. 1A

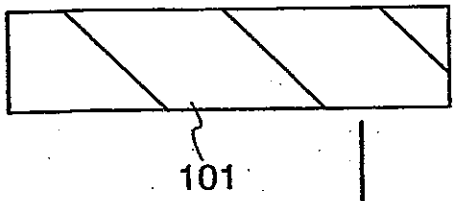


FIG. 1C

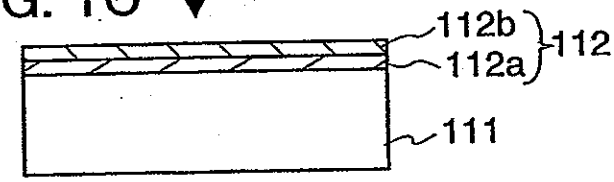


FIG. 1D

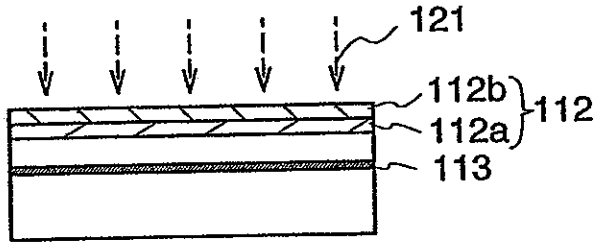


FIG. 1E

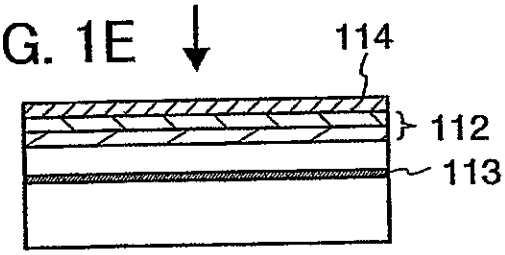


FIG. 1F

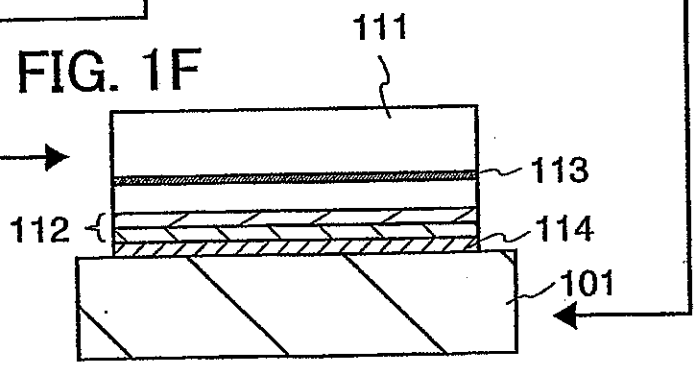


FIG. 1G

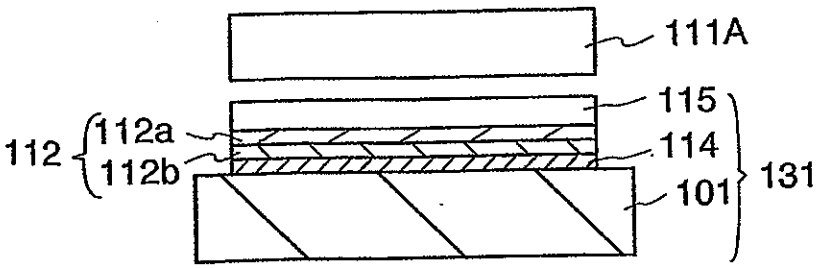


FIG. 2A

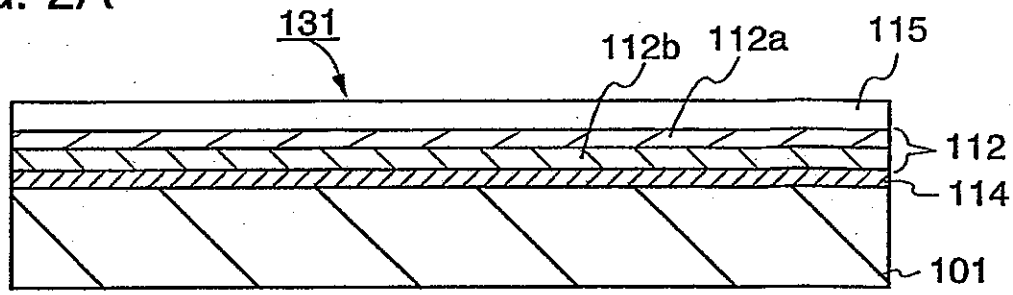


FIG. 2B

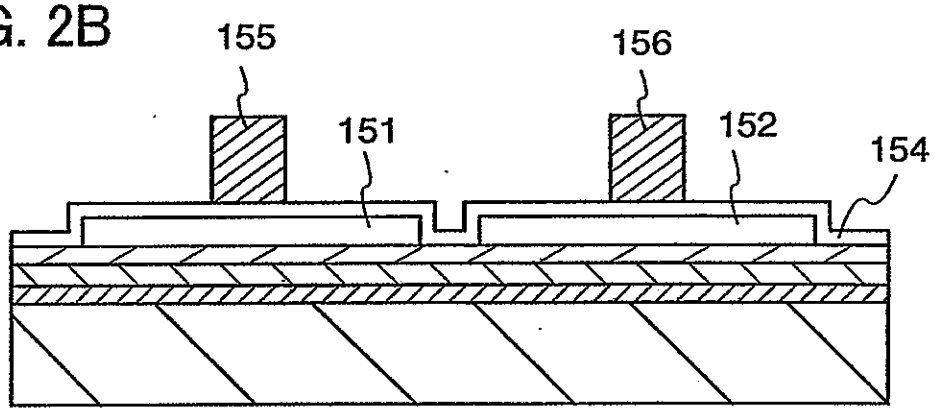


FIG. 2C

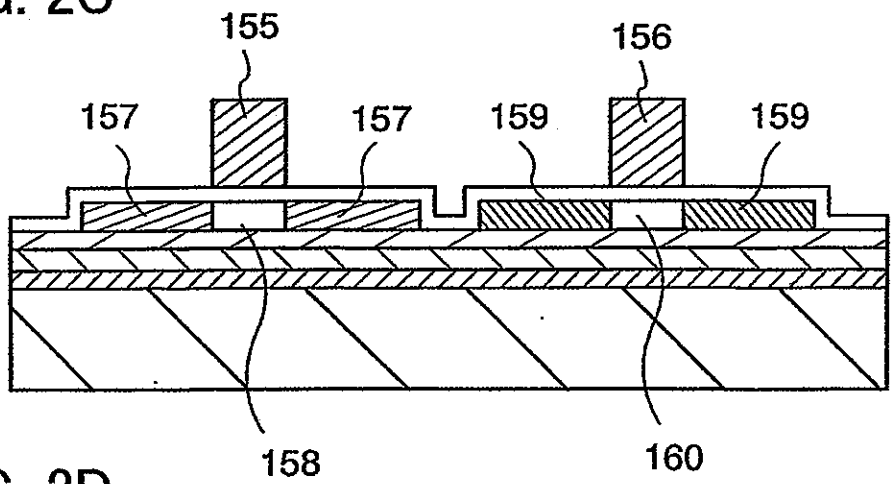


FIG. 2D

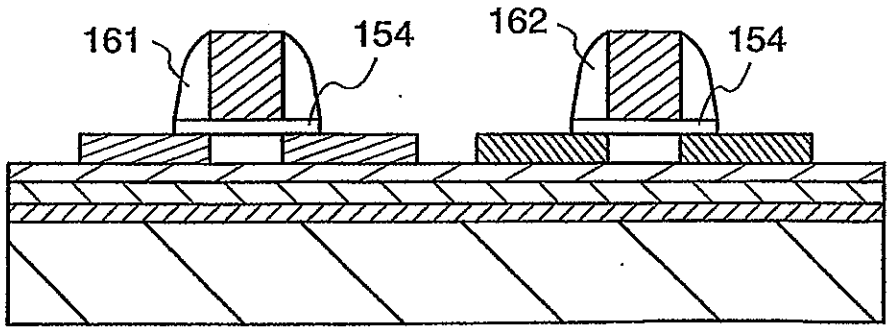


FIG. 3A

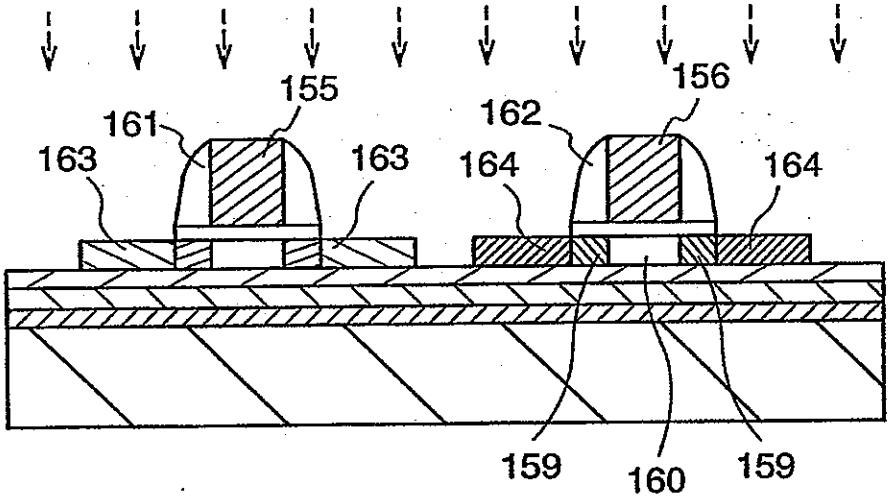


FIG. 3B

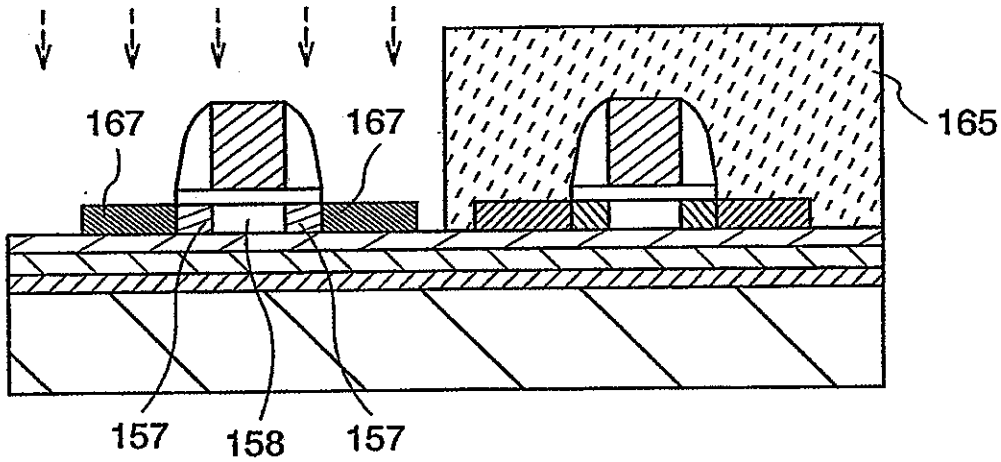


FIG. 3C

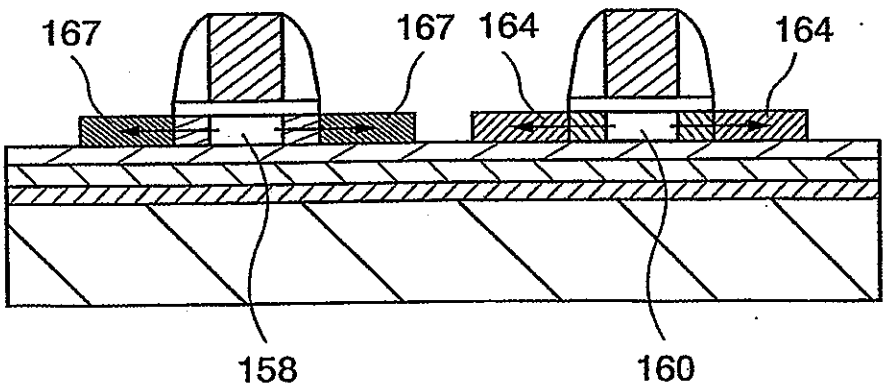


FIG. 4

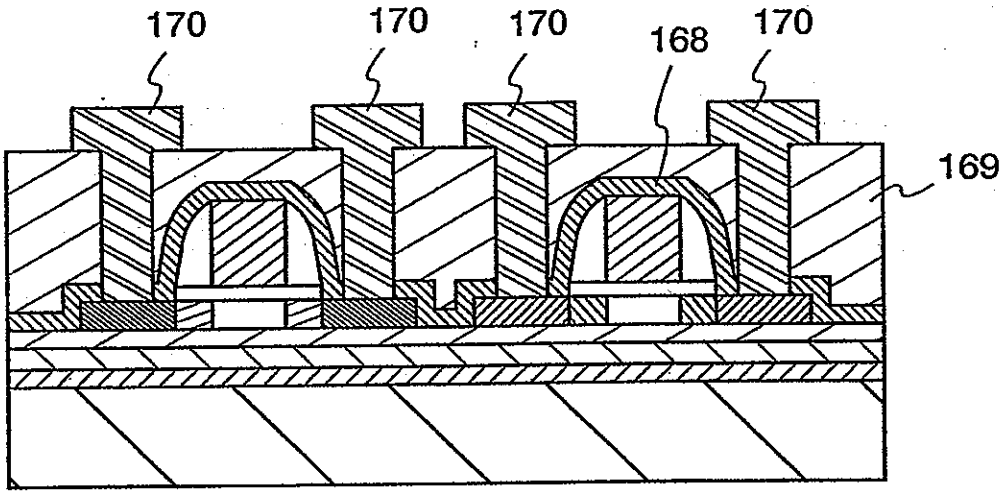


FIG. 5A

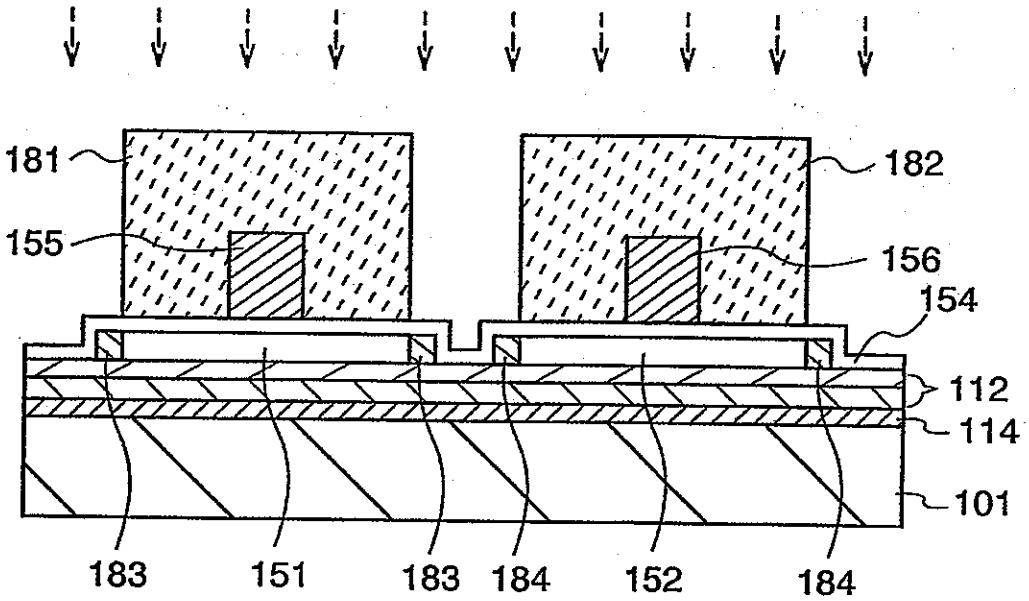


FIG. 5B

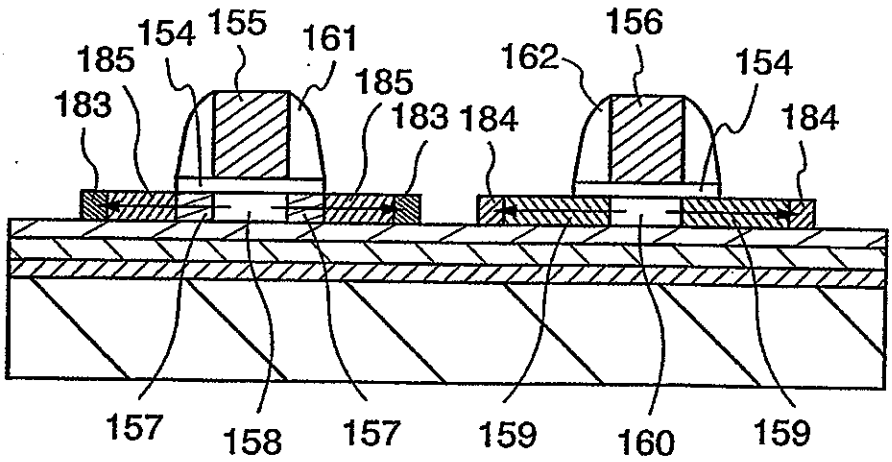


FIG. 5C

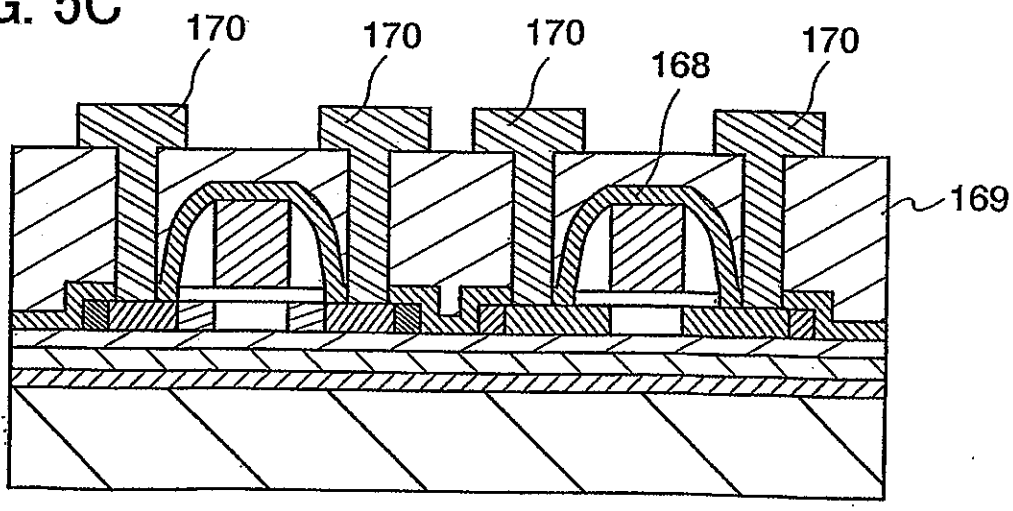


FIG. 6A

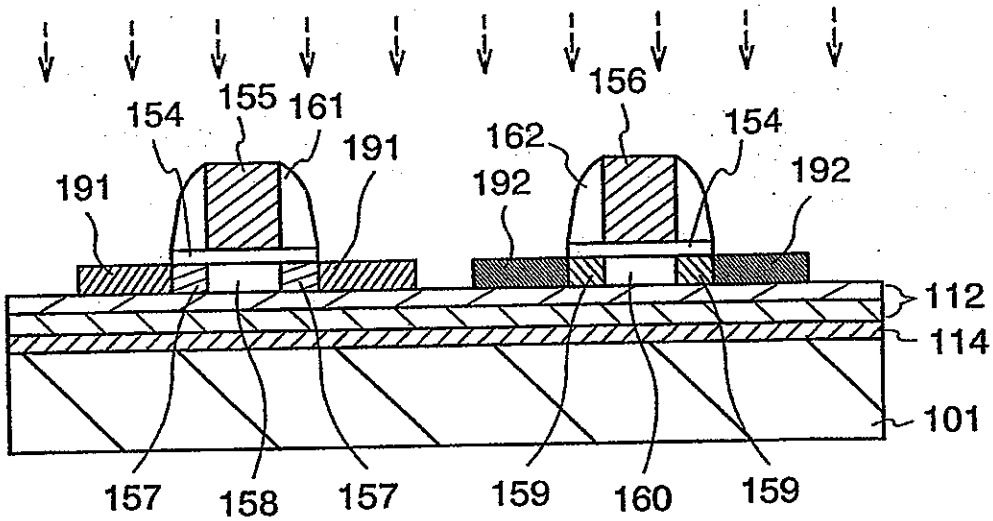


FIG. 6B

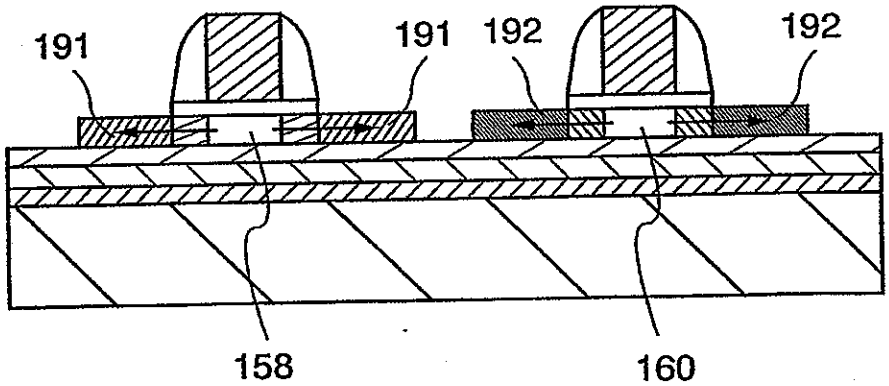


FIG. 6C

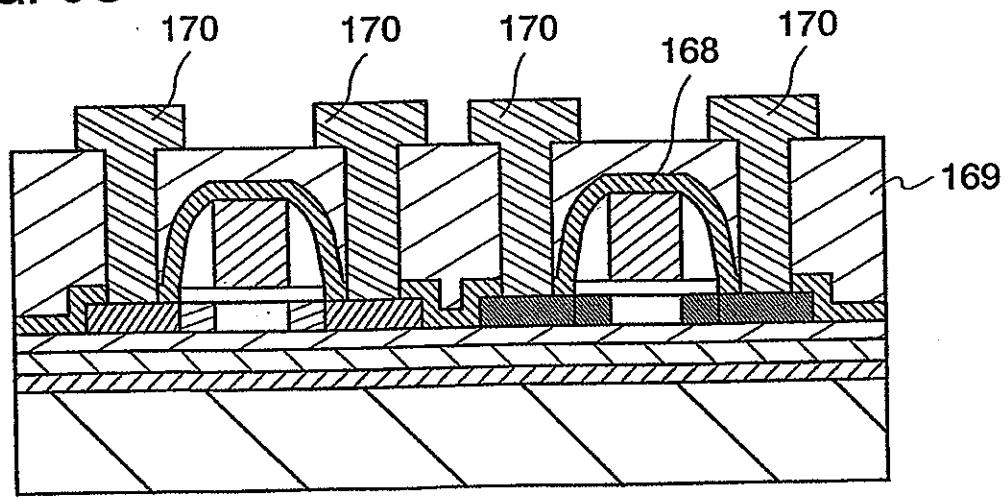


FIG. 7A

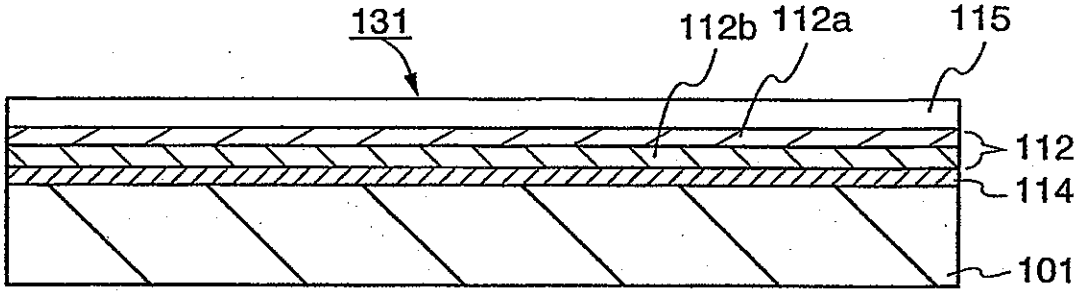


FIG. 7B

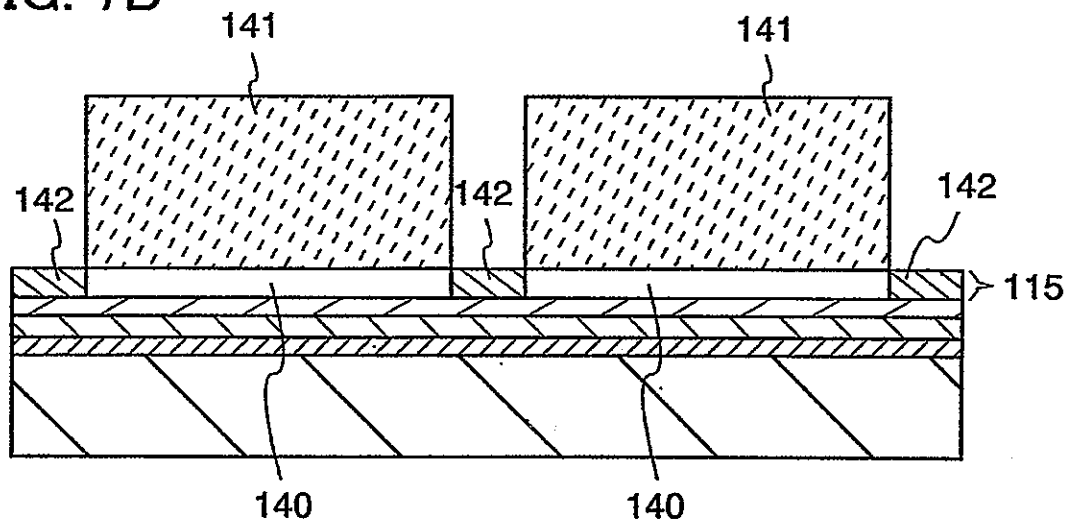


FIG. 7C

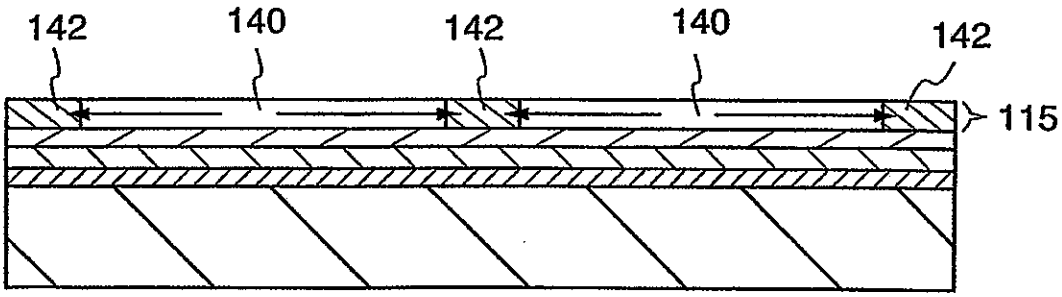


FIG. 7D

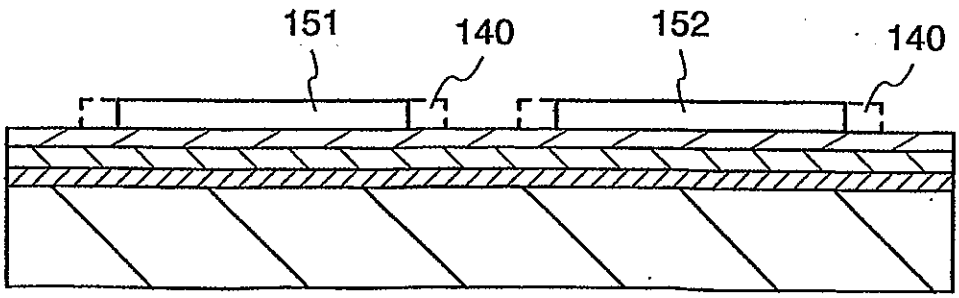


FIG. 8A

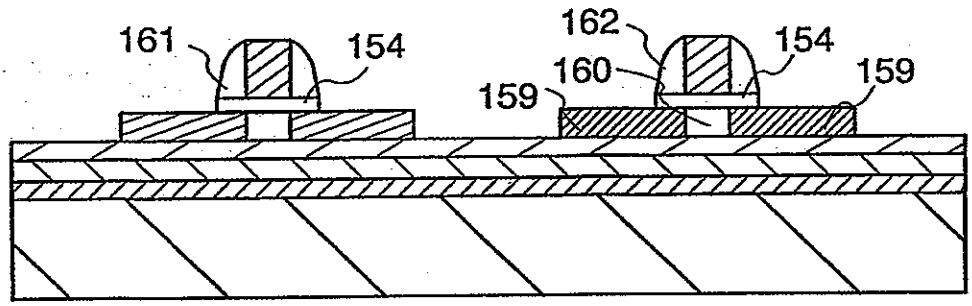


FIG. 8B

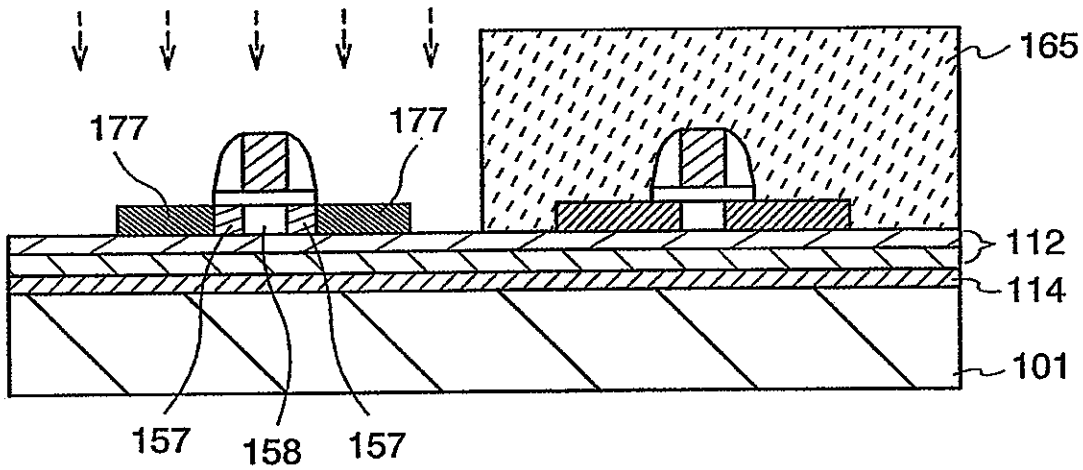


FIG. 8C

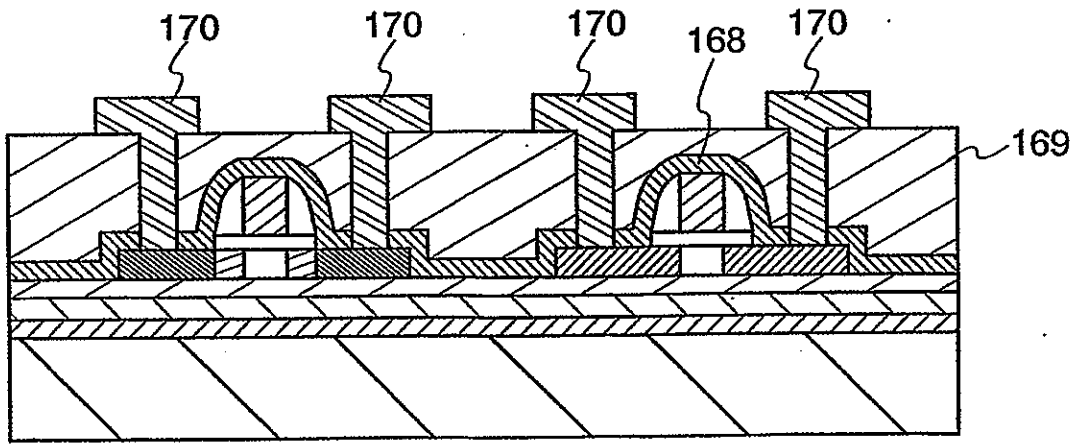


FIG. 9B



FIG. 9A

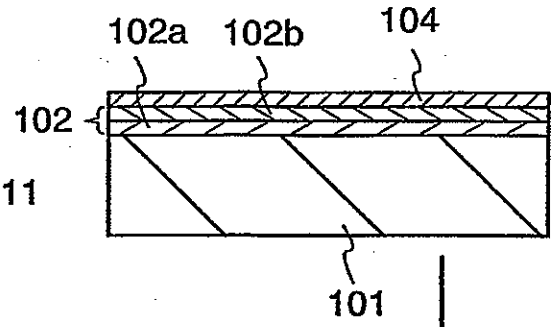


FIG. 9C

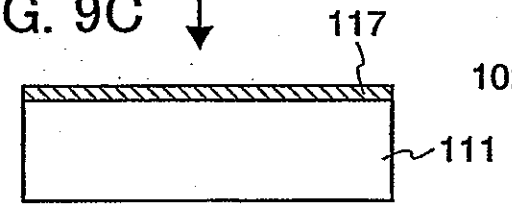


FIG. 9D

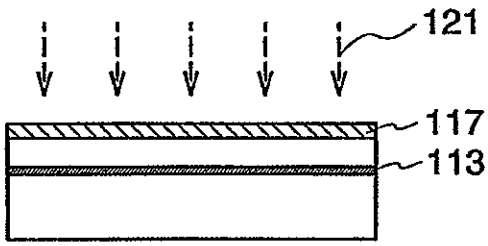


FIG. 9E

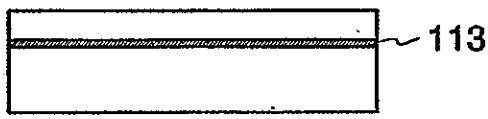


FIG. 9F

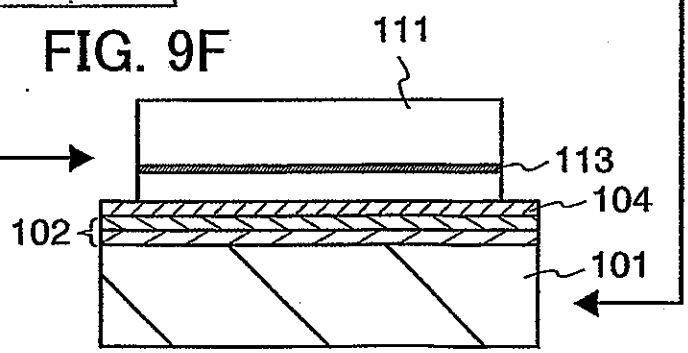


FIG. 9G

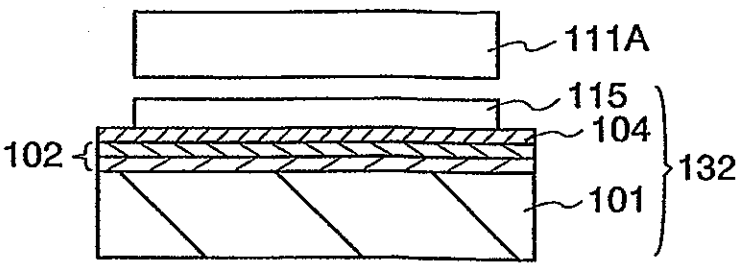


FIG. 10

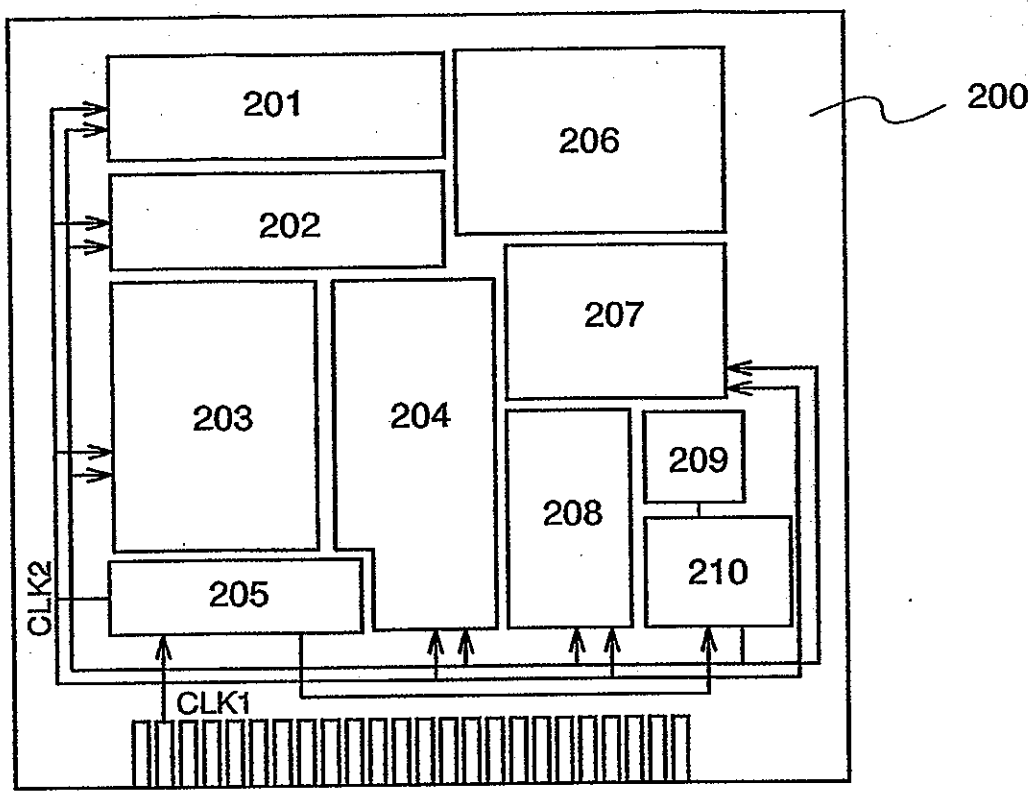


FIG. 11

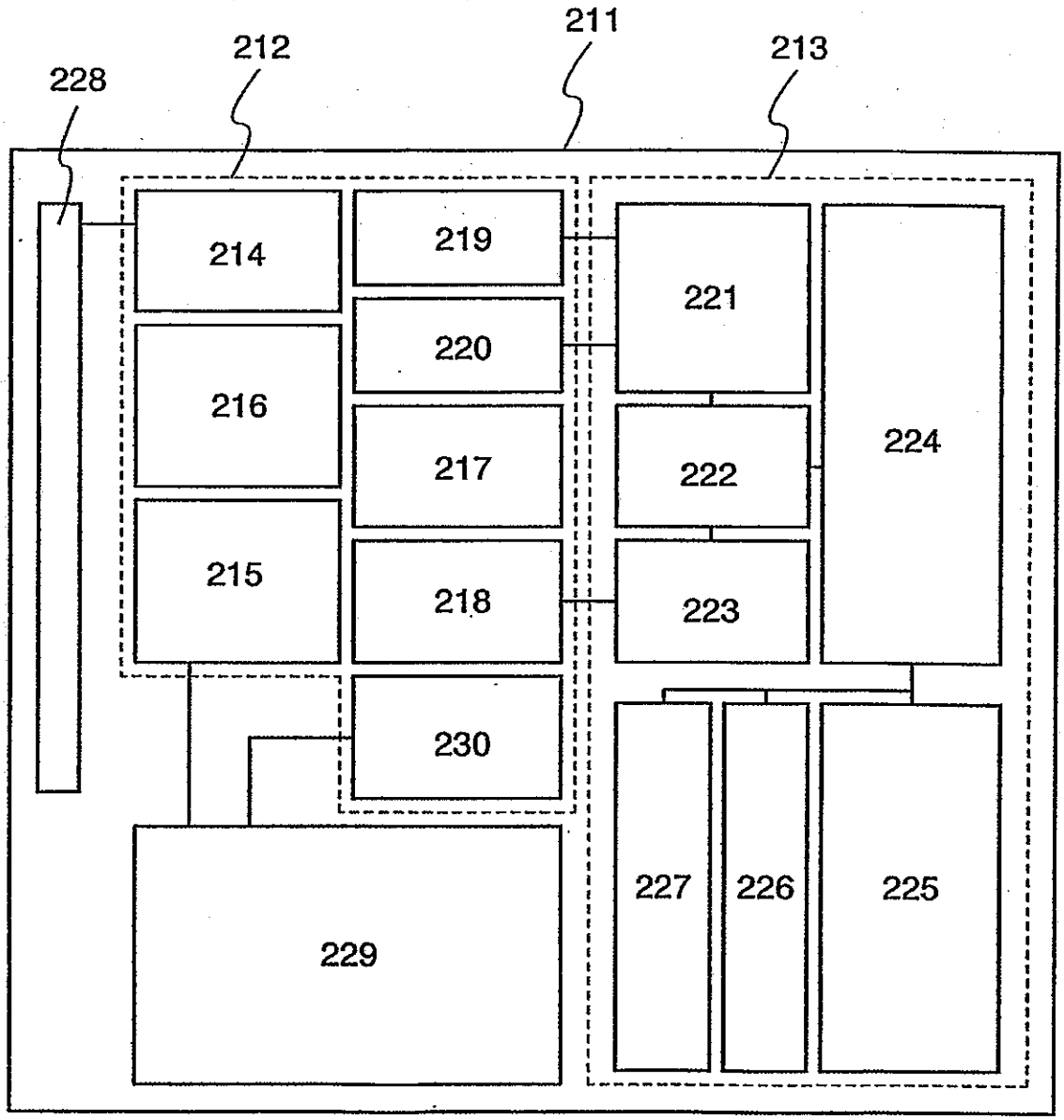

211
212
213
228
214
219
221
220
216
217
222
224
215
218
223
230
227
226
225
229

FIG. 12

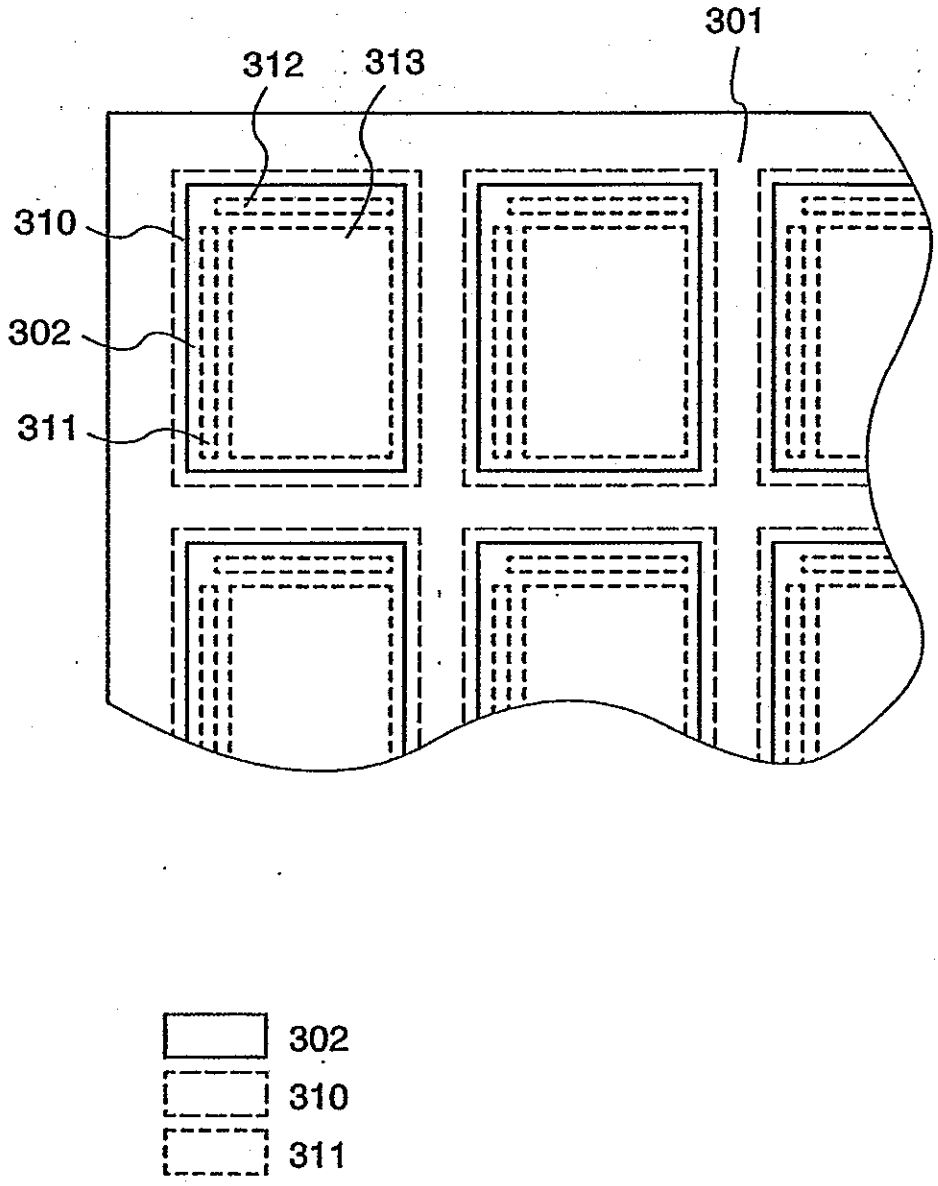


FIG. 13A

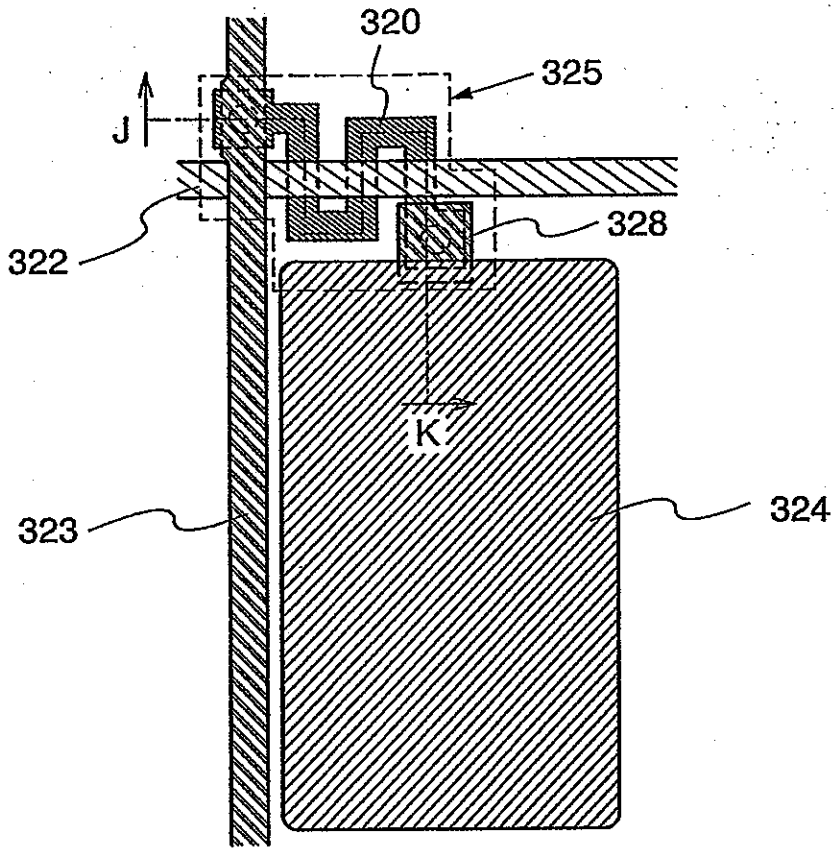


FIG. 13B

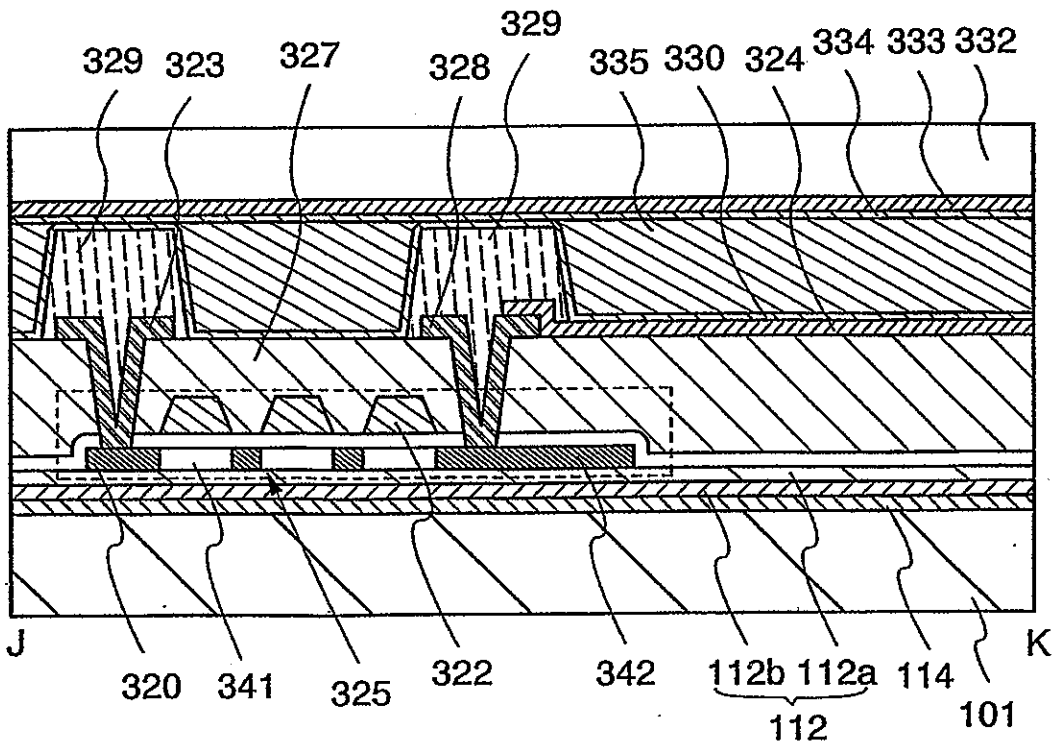


FIG. 14A

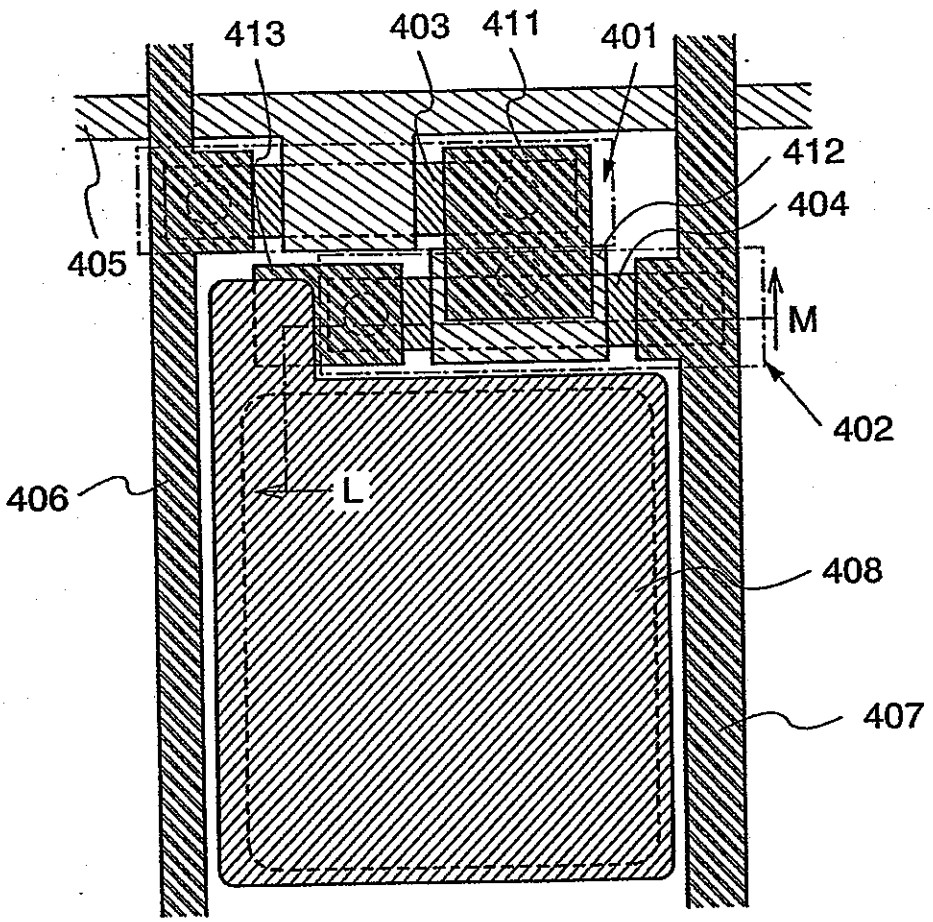


FIG. 14B

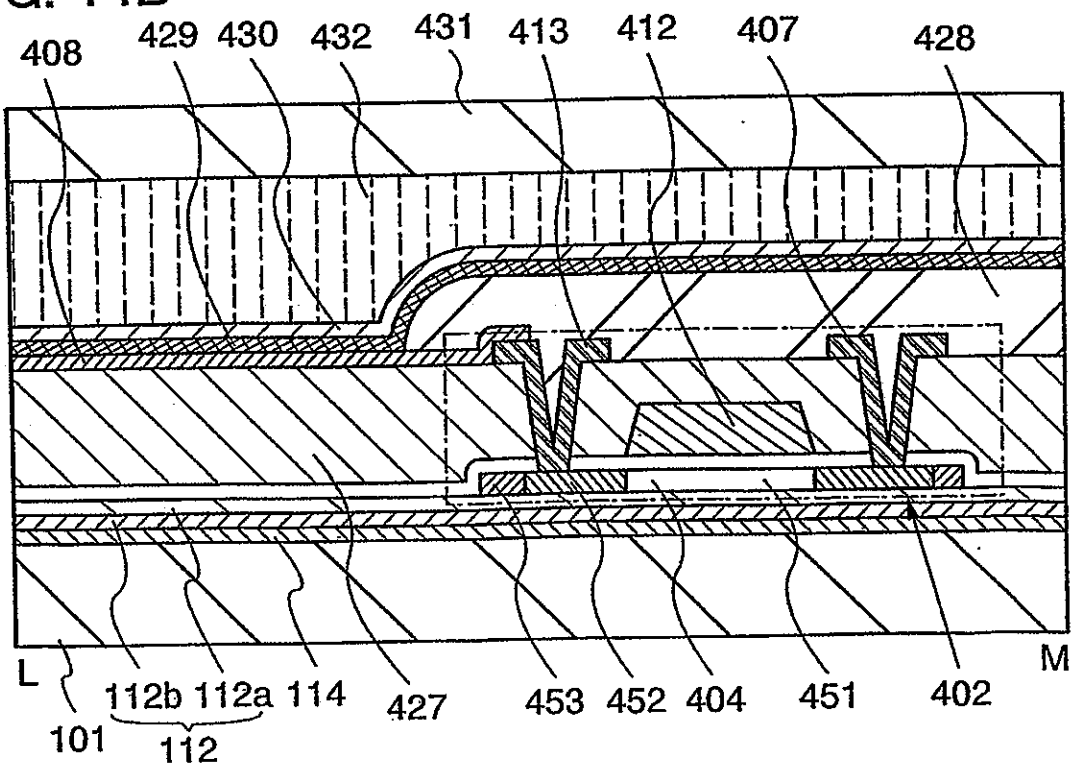


FIG. 15A

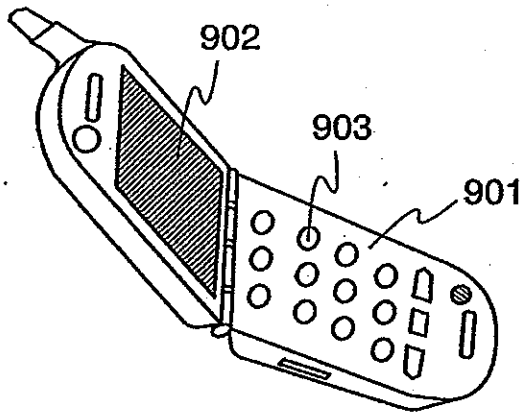


FIG. 15B

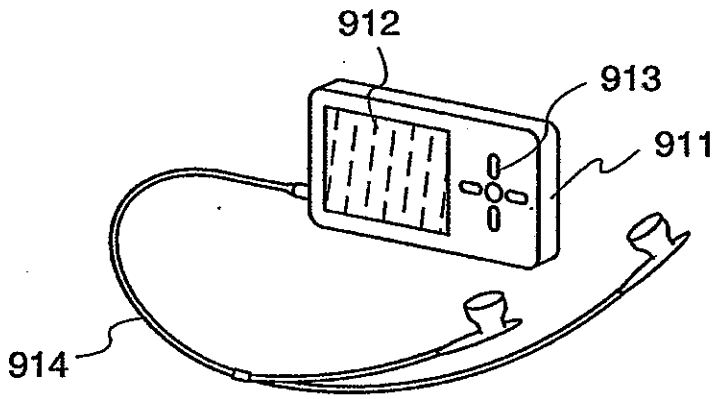


FIG. 15C

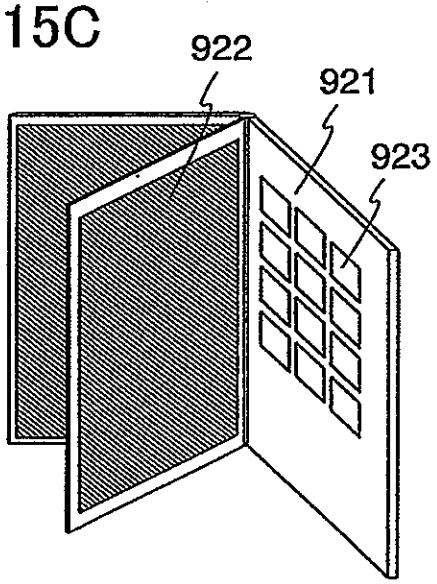


FIG.16

Concentration [atoms/cm^2]

Sample / Element	Sample A	Comparative Sample X	Minimum limit of detection
Ti	7.1×10^{10}	Lower than minimum limit of detection	3.1×10^{10}
Zn	6.3×10^{11}	4.0×10^{10}	2.3×10^{10}
Mo	2.8×10^{12}	Lower than minimum limit of detection	1.6×10^{10}
Pb	1.5×10^{10}	Lower than minimum limit of detection	7.3×10^{9}

FIG.17

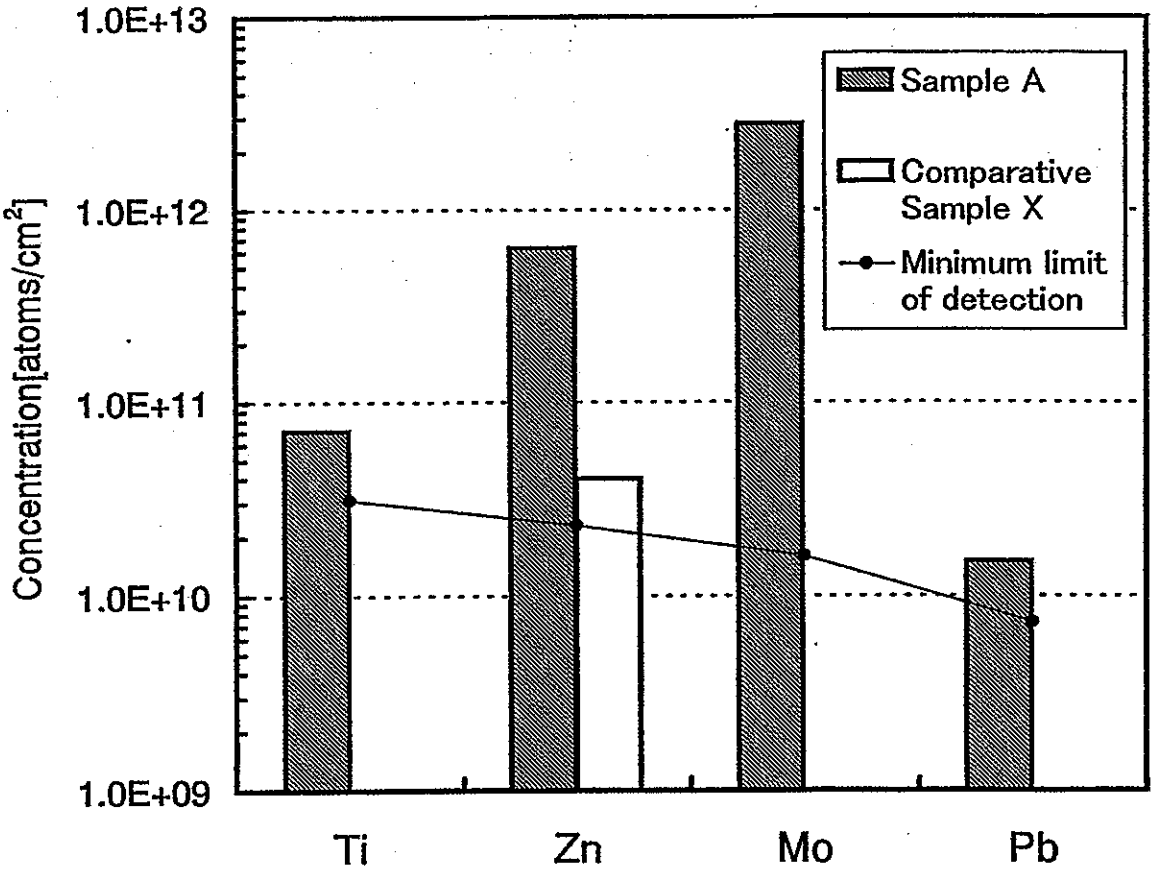

1.0E+13
1.0E+12
1.0E+11
1.0E+10
1.0E+09
Concentration[atoms/cm²]
Sample A
Comparative Sample X
Minimum limit of detection
Ti
Zn
Mo
Pb

FIG.18

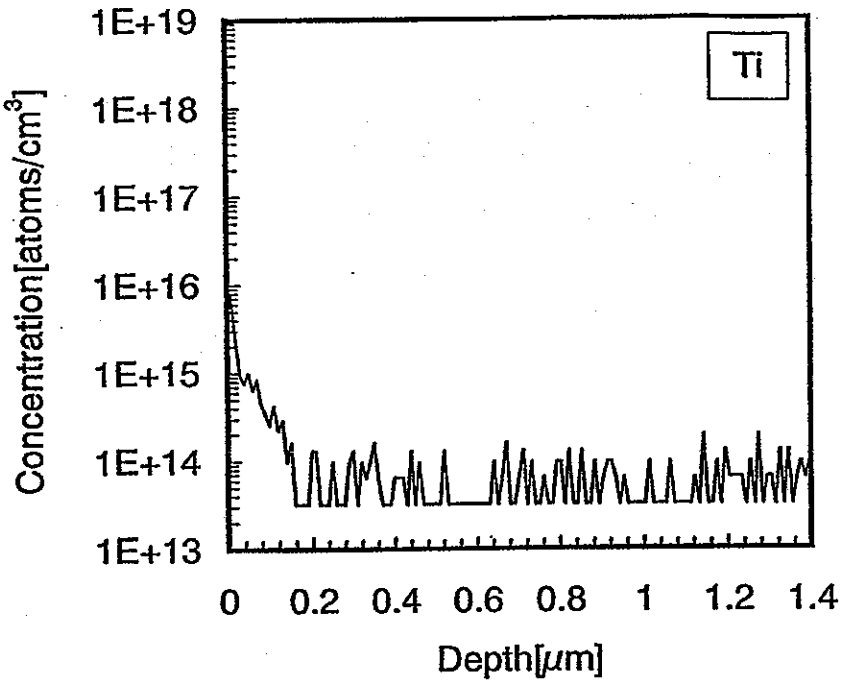
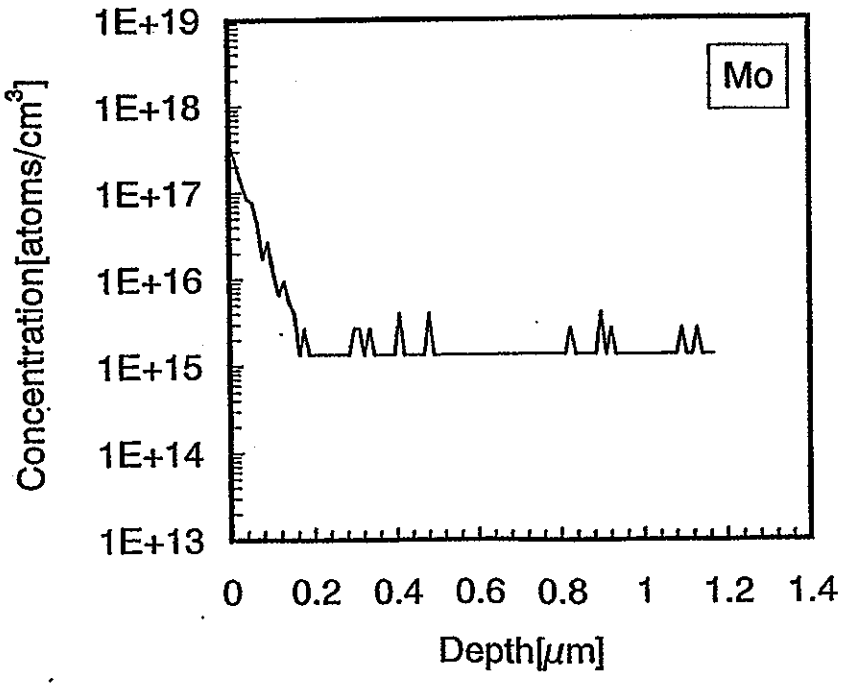

Ti
1E+19
1E+18
1E+17
1E+16
1E+15
1E+14
1E+13
Concentration[atoms/cm3]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
Depth[μm]

FIG.19


Mo
1E+19
1E+18
1E+17
1E+16
1E+15
1E+14
1E+13
Concentration[atoms/cm3]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
Depth[μm]