FIG. 1B

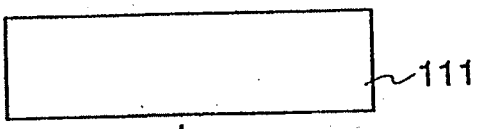


FIG. 1A

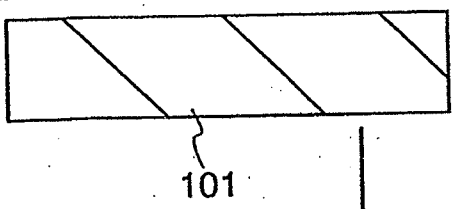


FIG. 1C

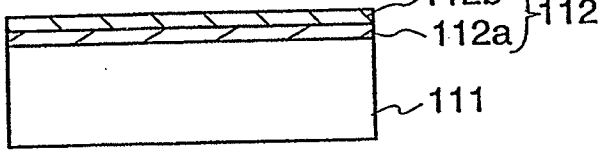


FIG. 1D

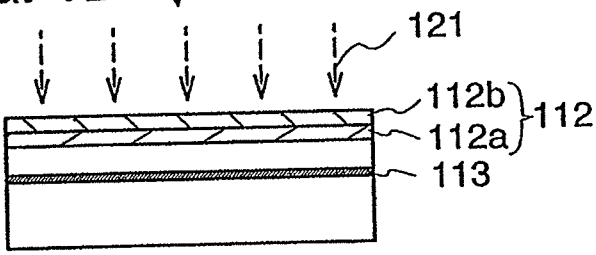


FIG. 1E

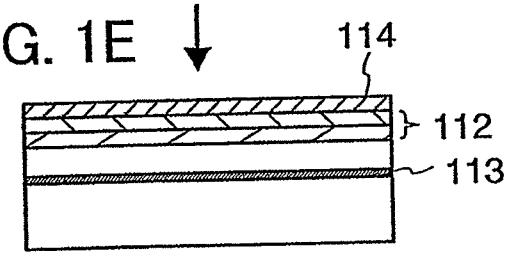


FIG. 1F

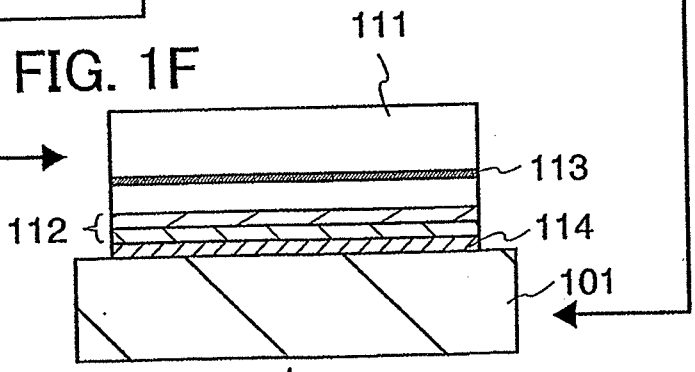


FIG. 1G

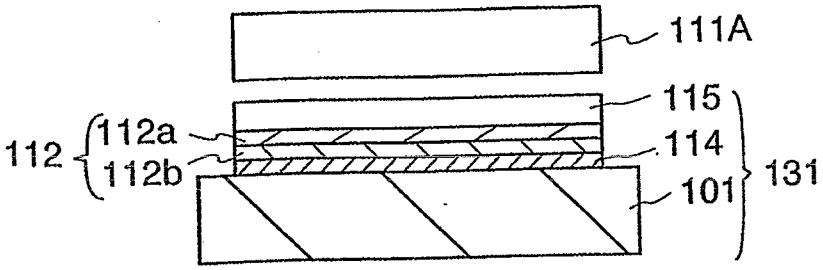


FIG. 2A

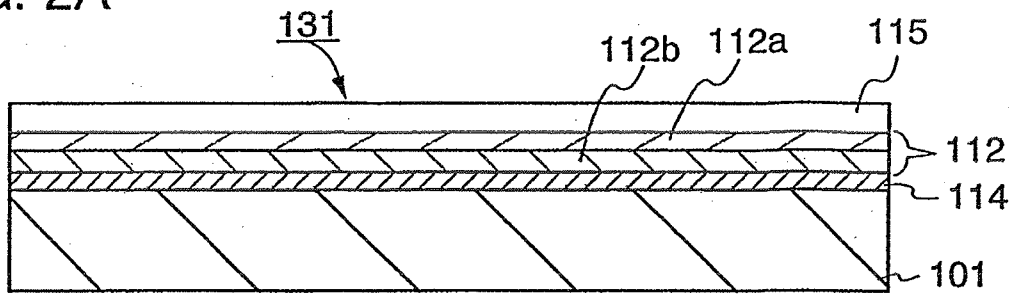


FIG. 2B

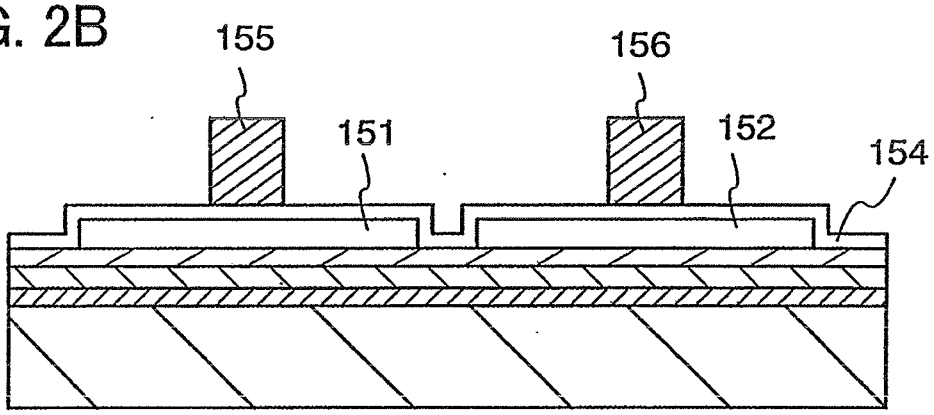


FIG. 2C

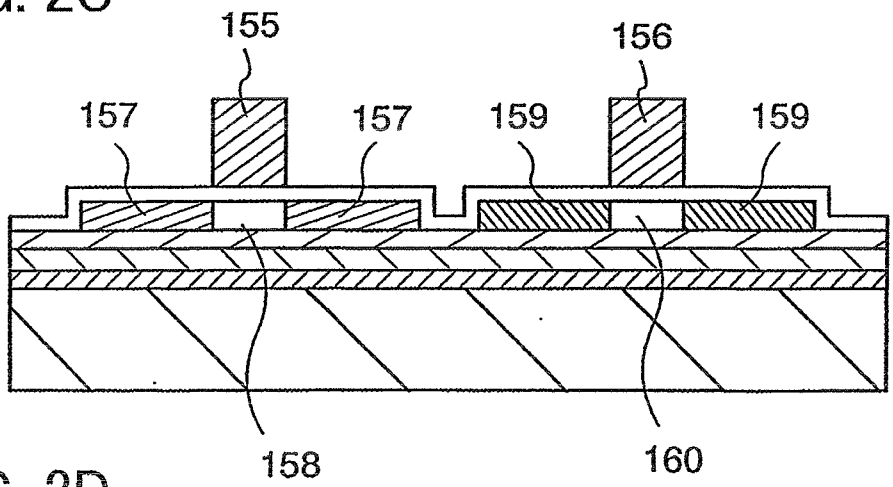


FIG. 2D

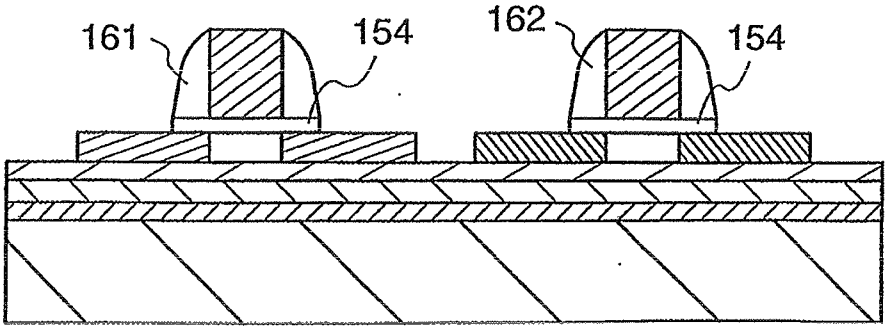


FIG. 3A

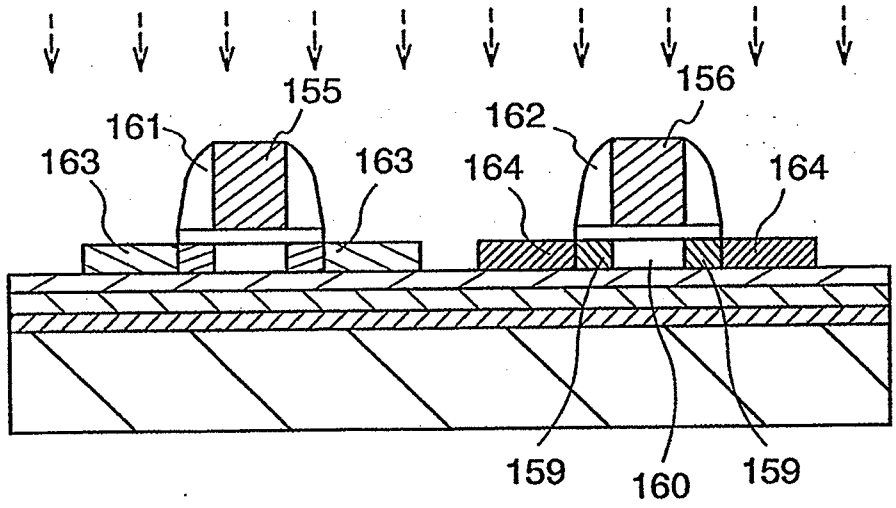


FIG. 3B

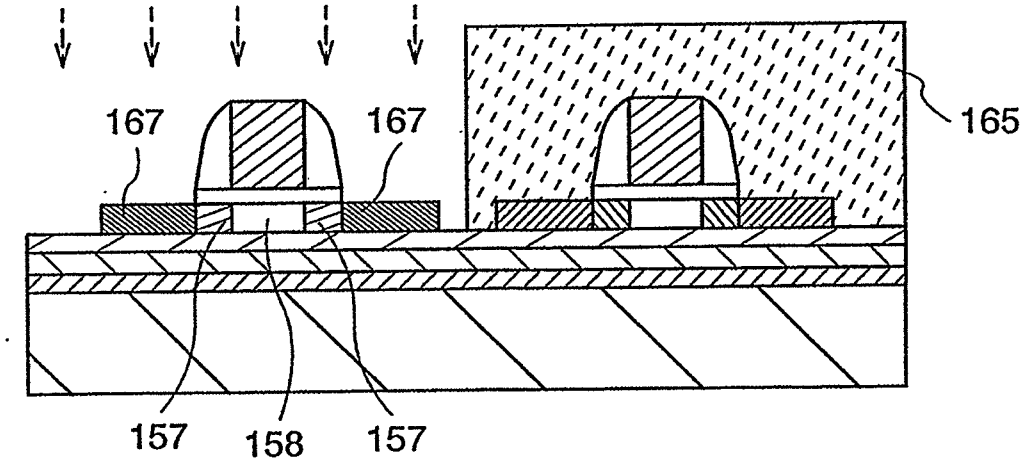


FIG. 3C

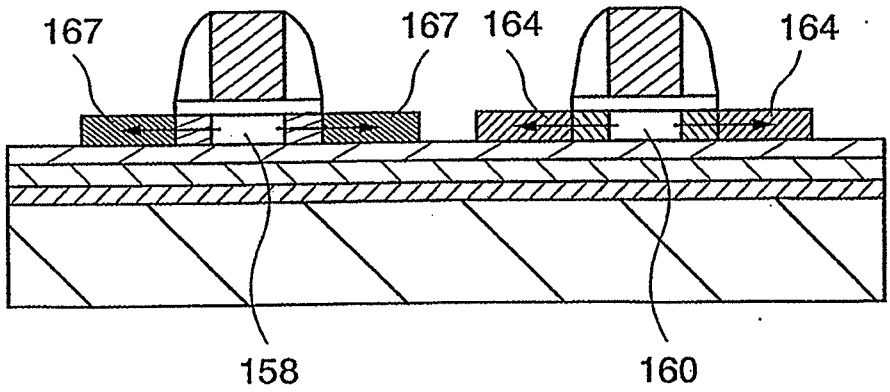


FIG. 4

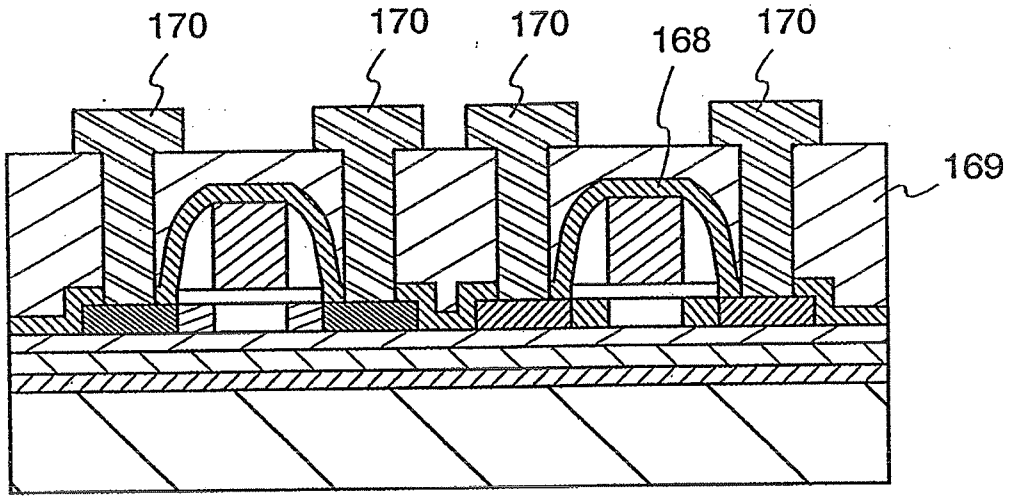


FIG. 5A

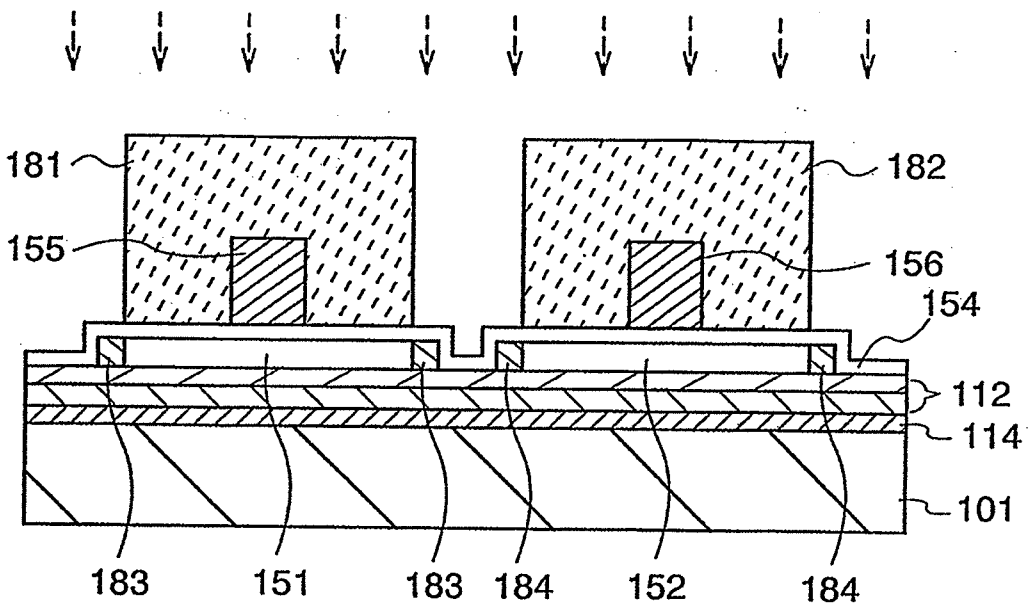


FIG. 5B

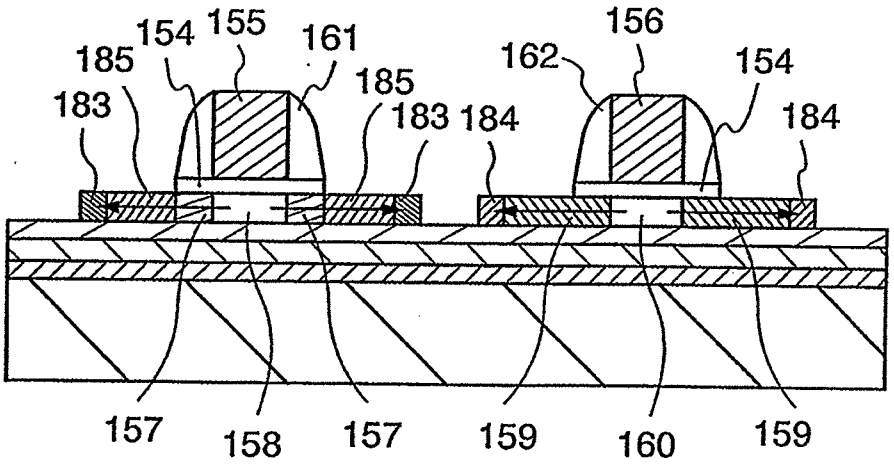


FIG. 5C

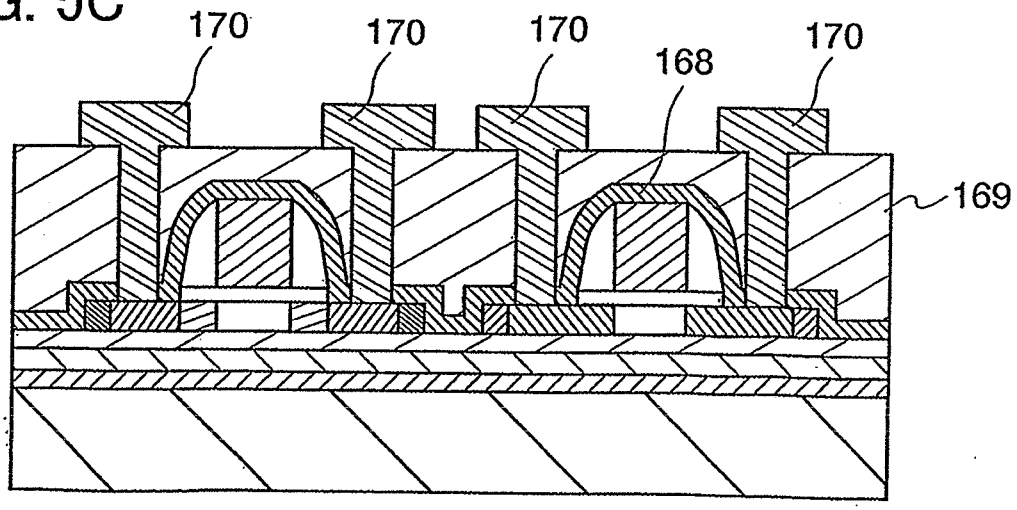


FIG. 6A

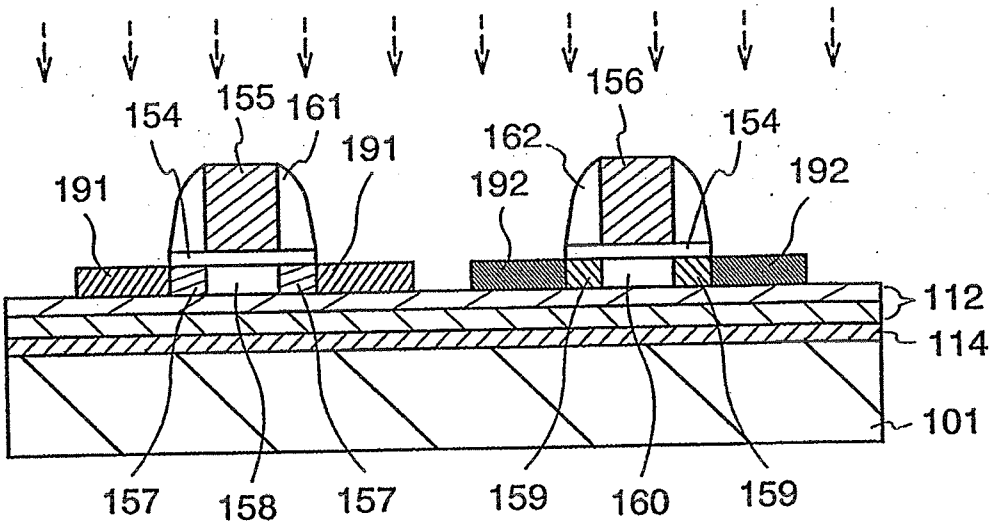


FIG. 6B

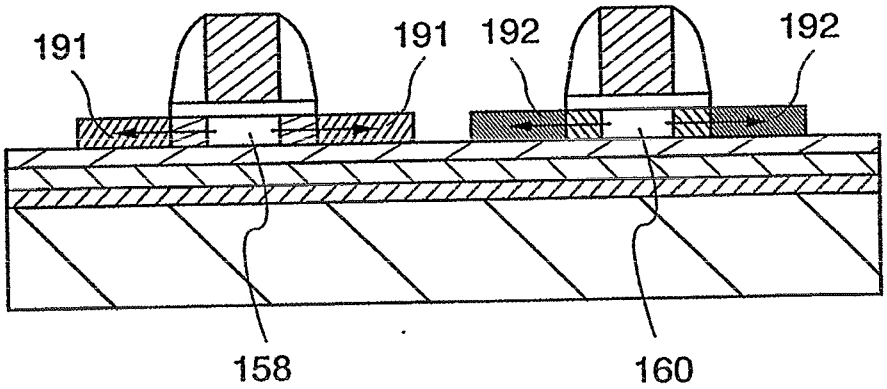


FIG. 6C

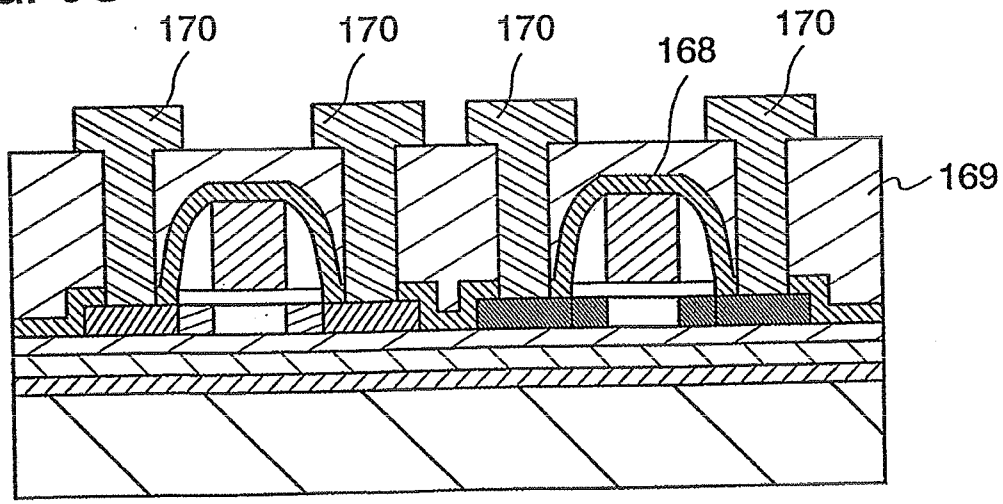


FIG. 7A

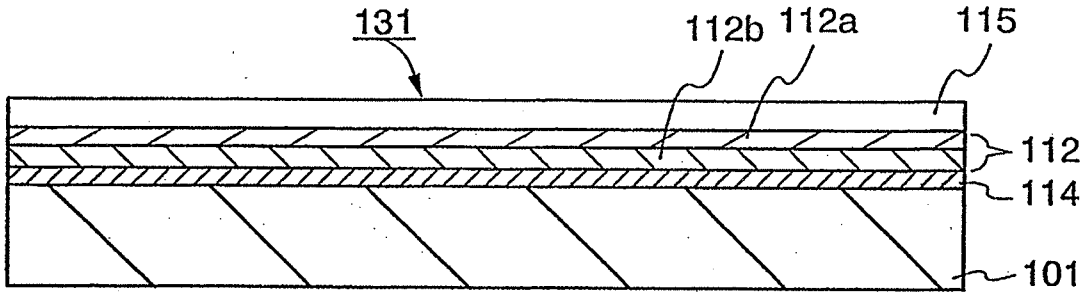


FIG. 7B

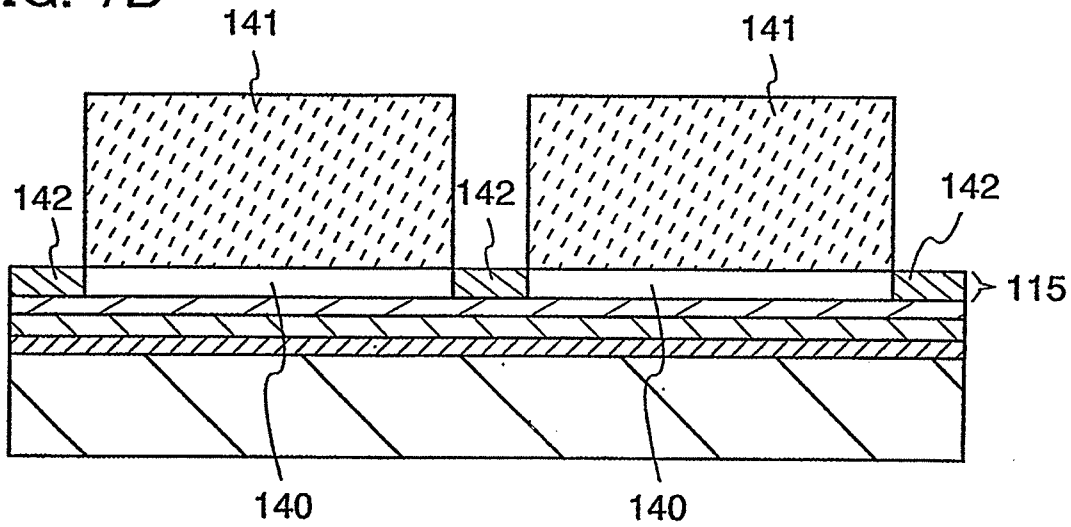


FIG. 7C

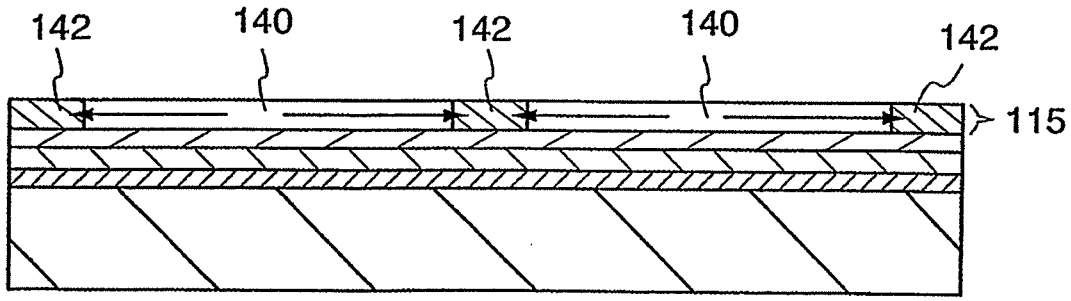


FIG. 7D

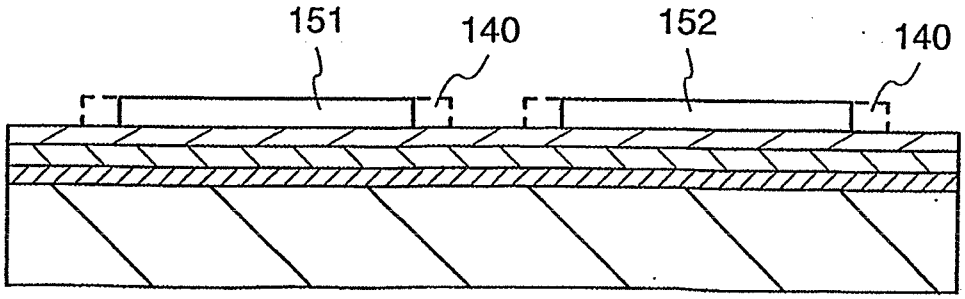


FIG. 8A

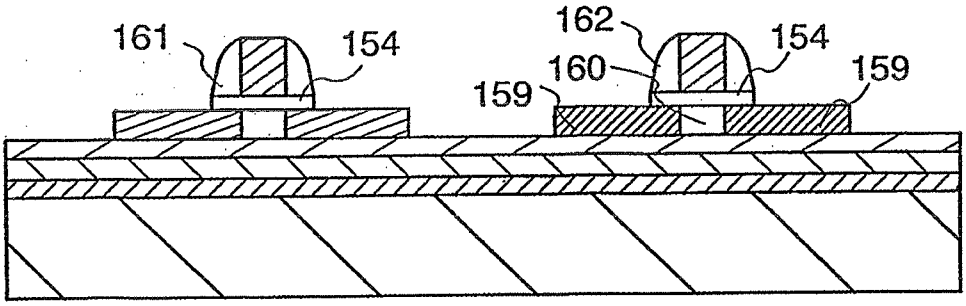


FIG. 8B

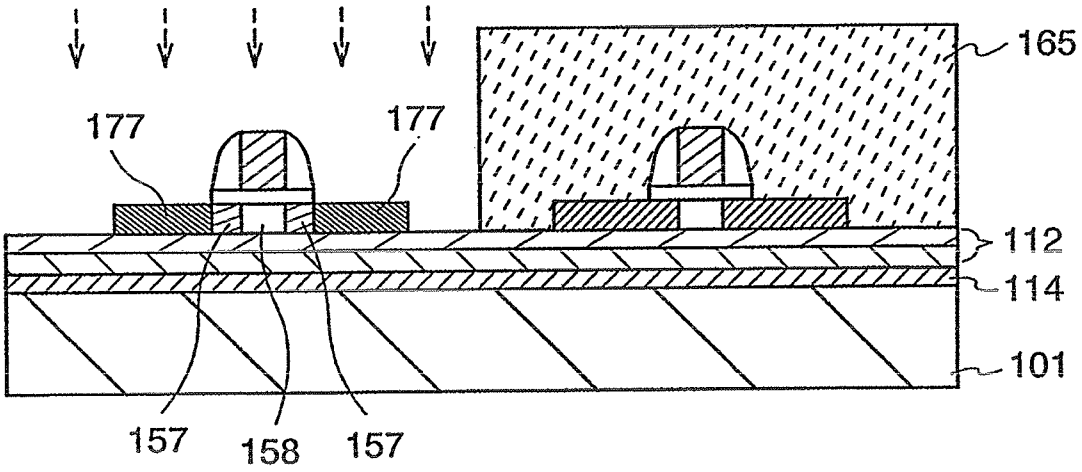


FIG. 8C

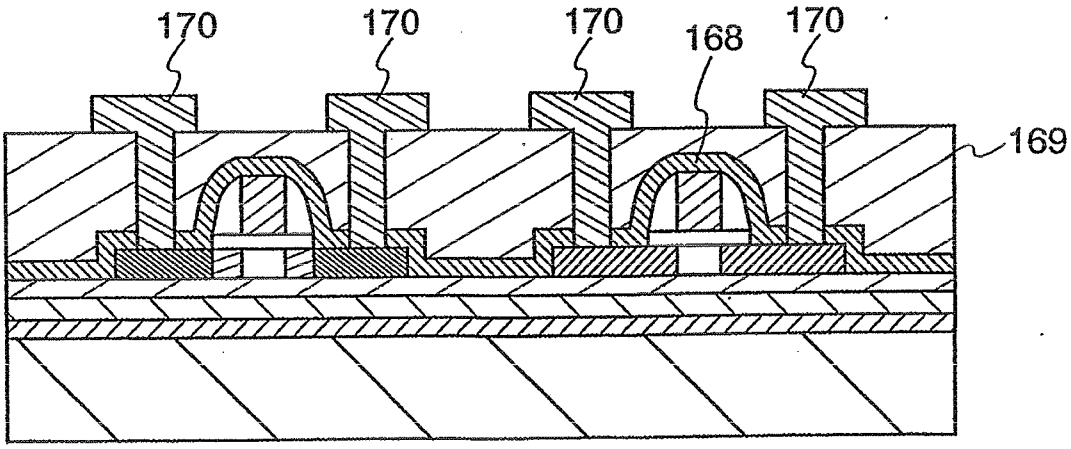


FIG. 9B



FIG. 9A

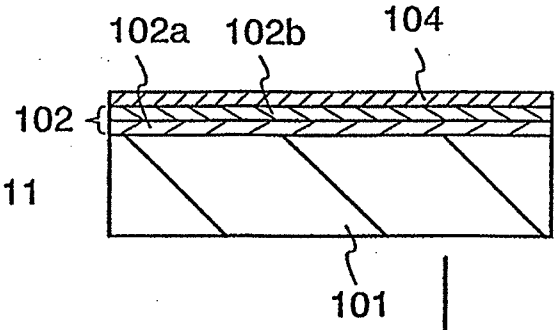


FIG. 9C

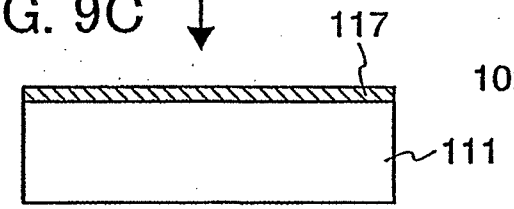


FIG. 9D

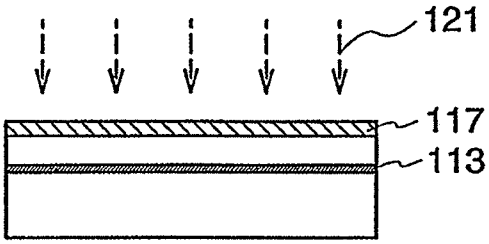


FIG. 9E



FIG. 9F

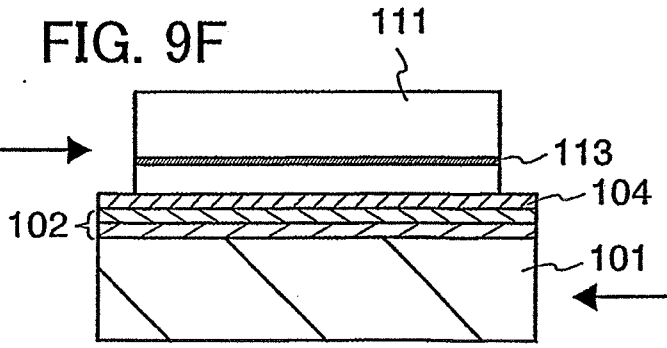


FIG. 9G

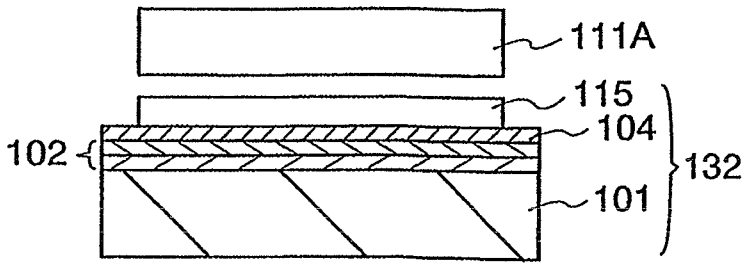


FIG. 10

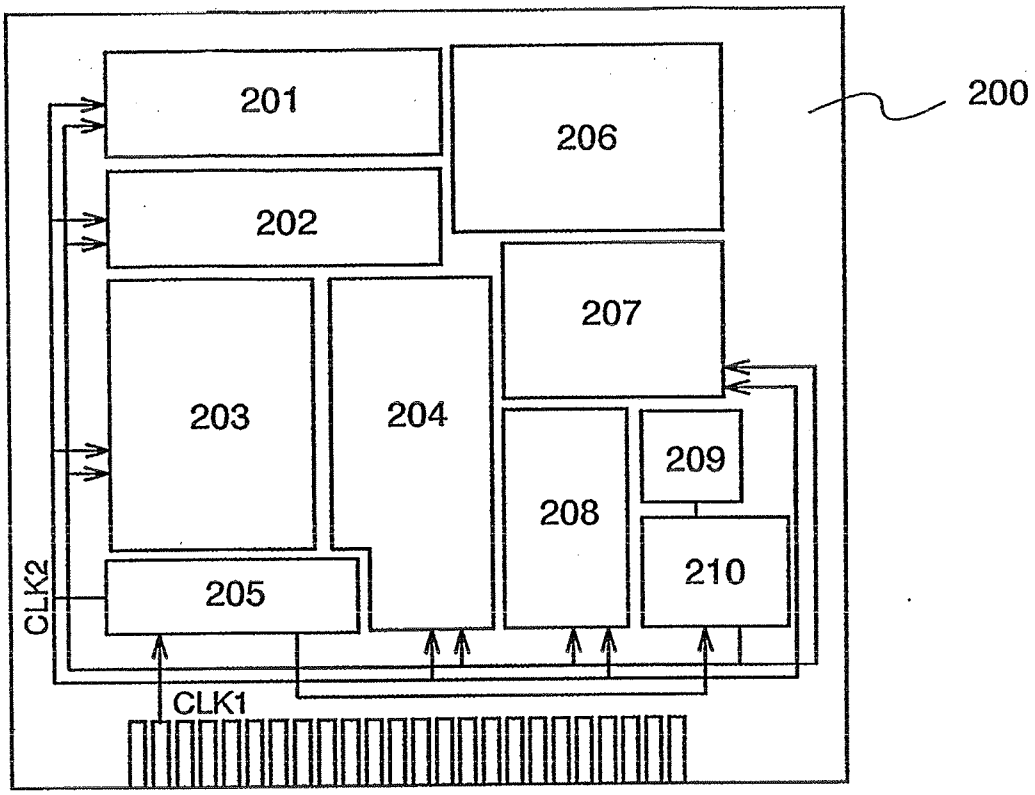


FIG. 11

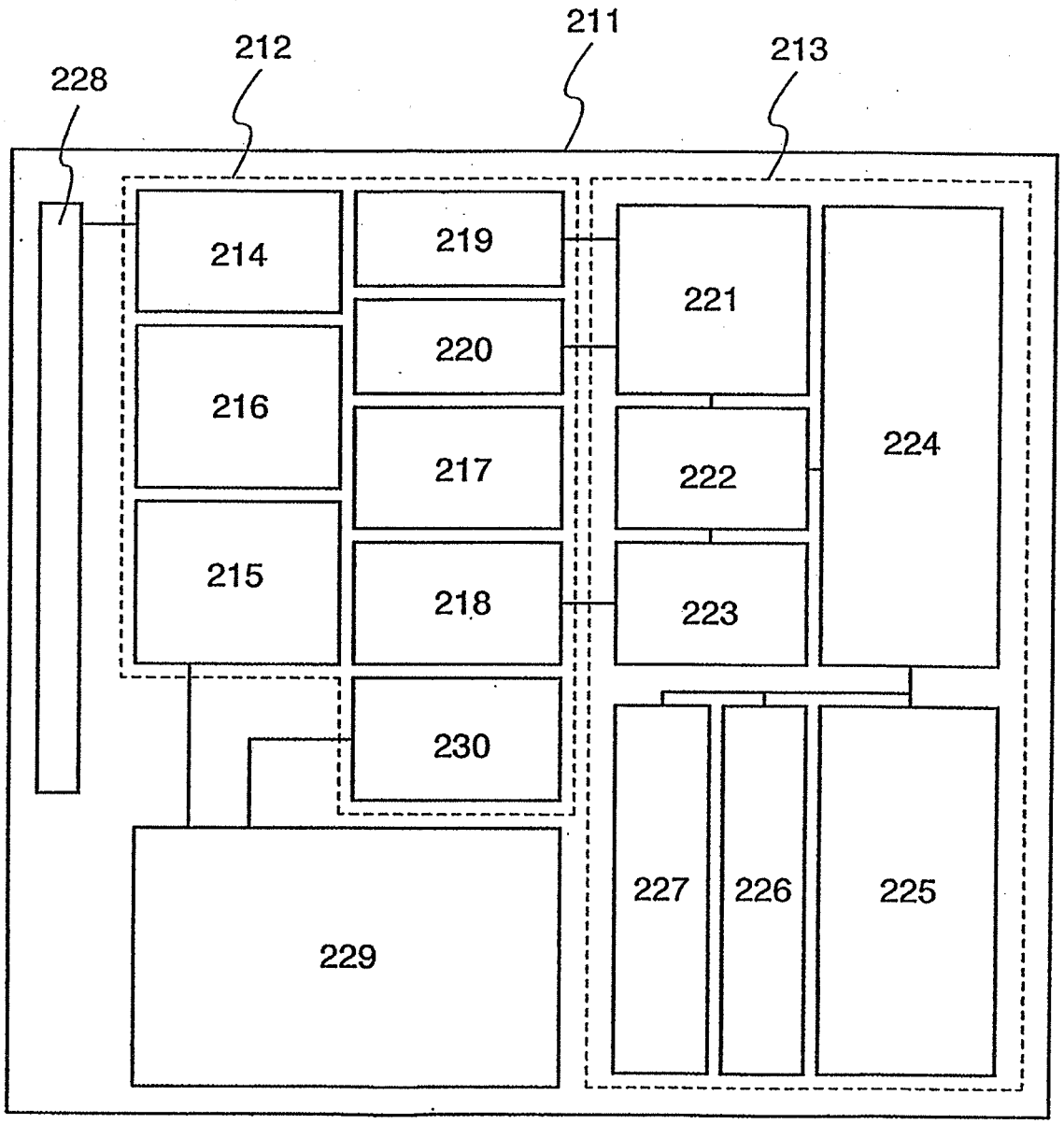
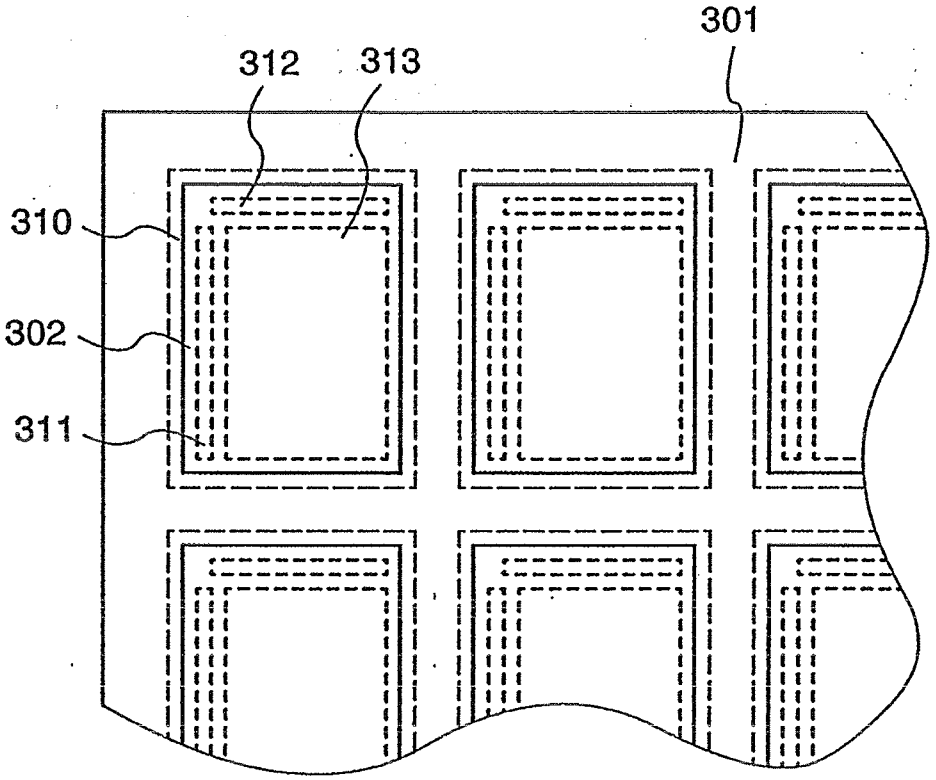

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FIG. 12



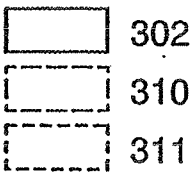


FIG. 13A

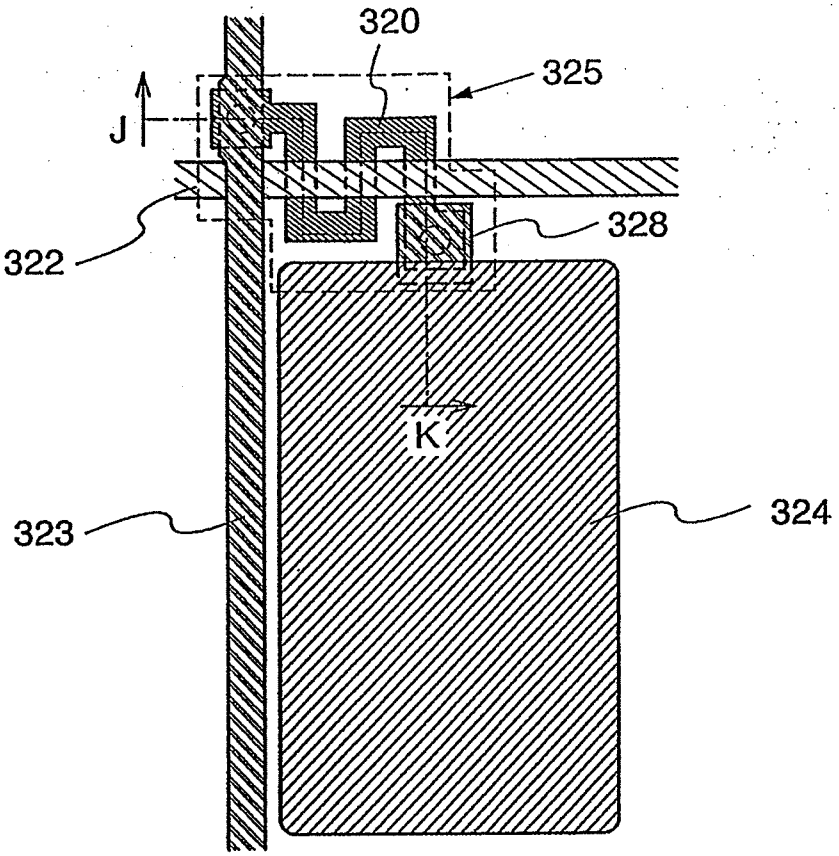


FIG. 13B

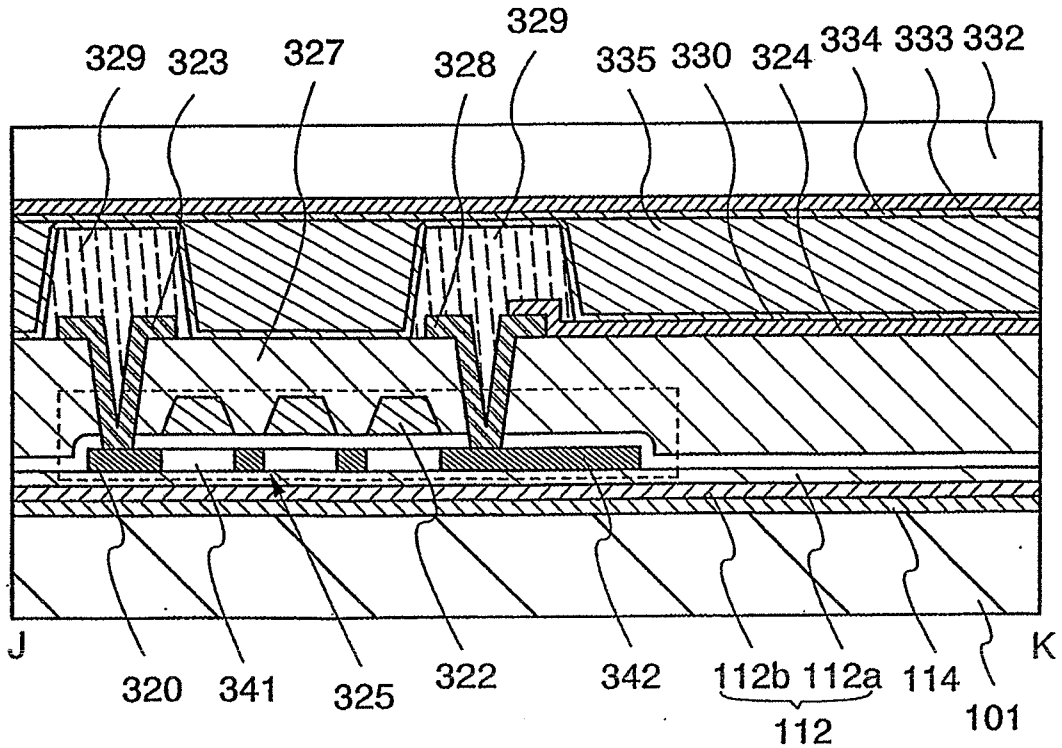


FIG. 14A

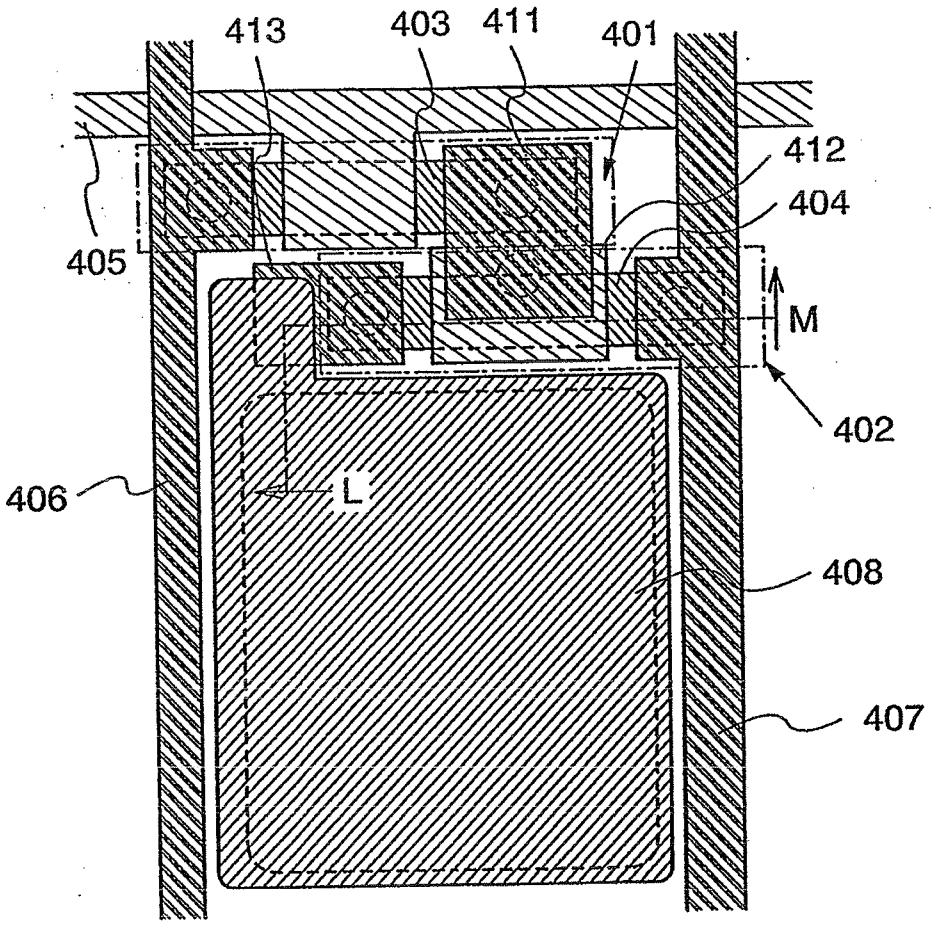


FIG. 14B

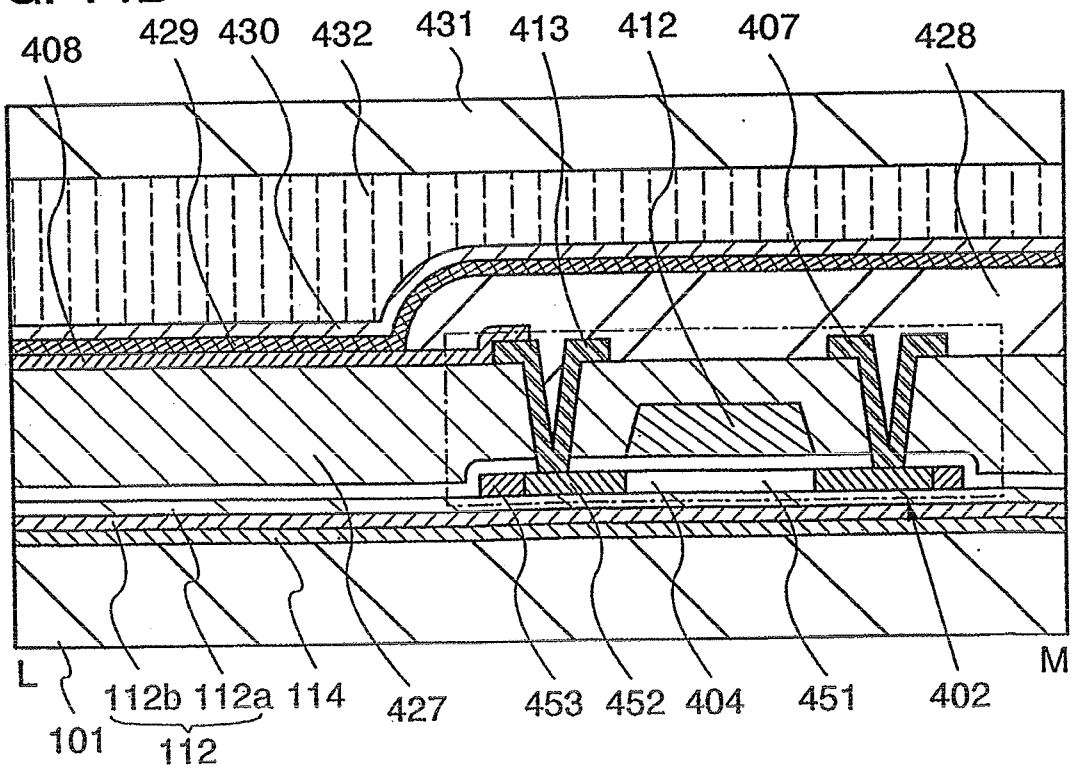


FIG. 15A

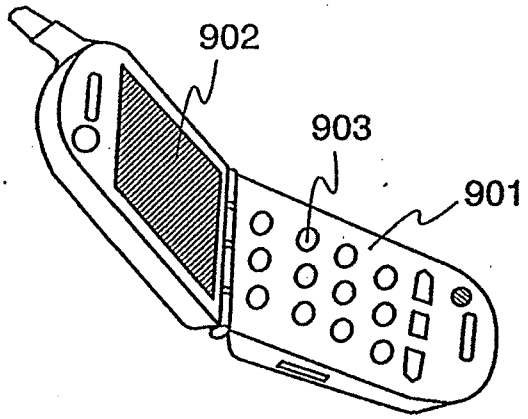


FIG. 15B

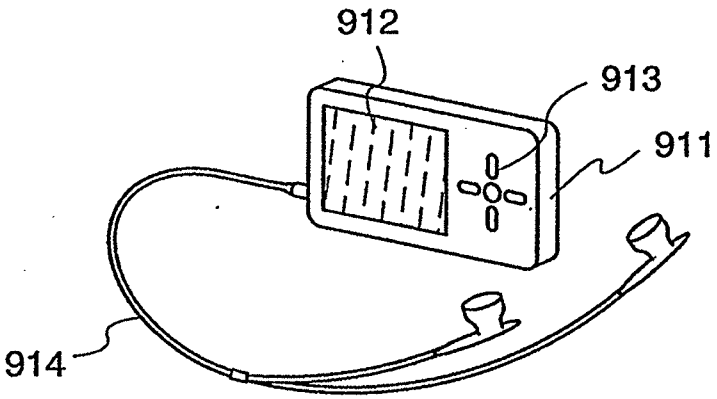


FIG. 15C

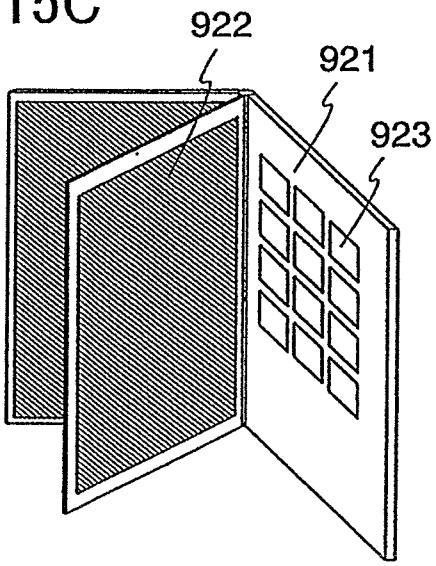


FIG.16

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

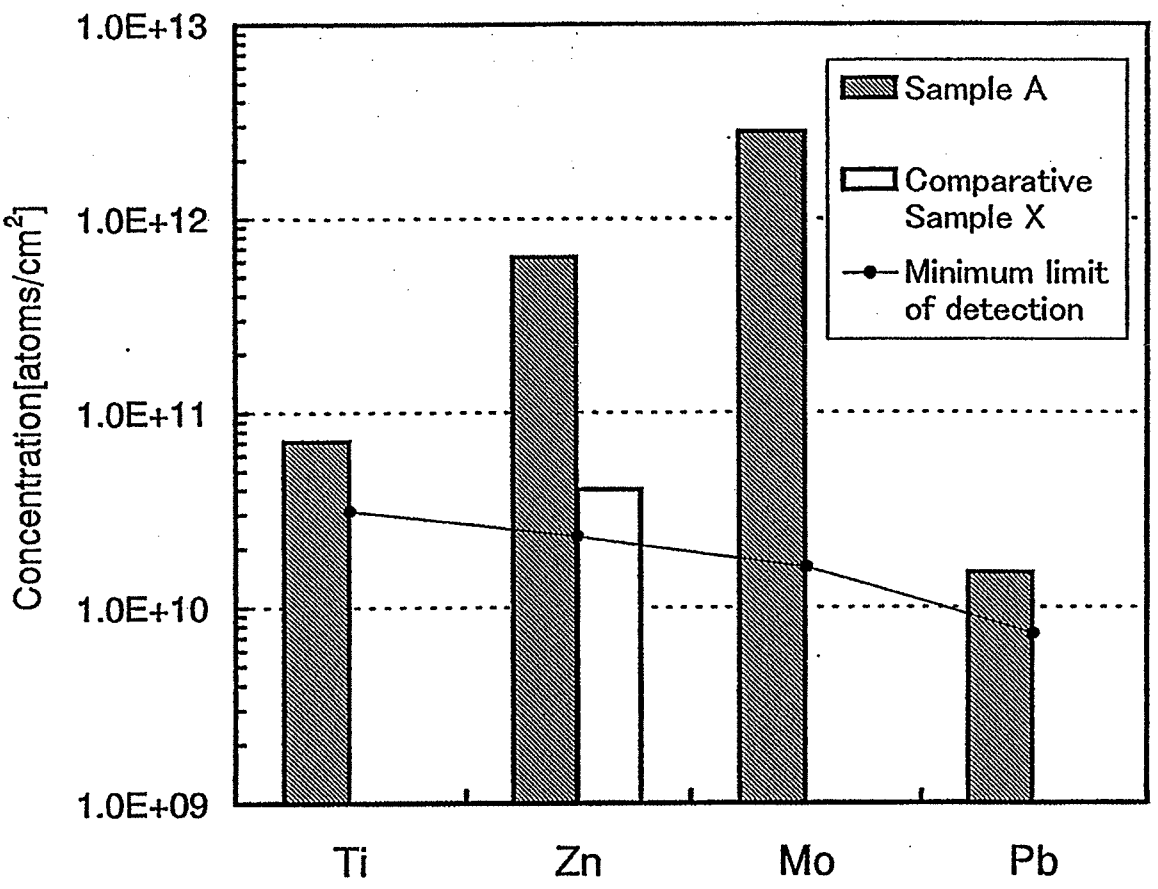

1.0E+13
1.0E+12
1.0E+11
1.0E+10
1.0E+09
Concentration[atoms/cm^2]
Sample A
Comparative Sample X
Minimum limit of detection
Ti
Zn
Mo
Pb

FIG.18

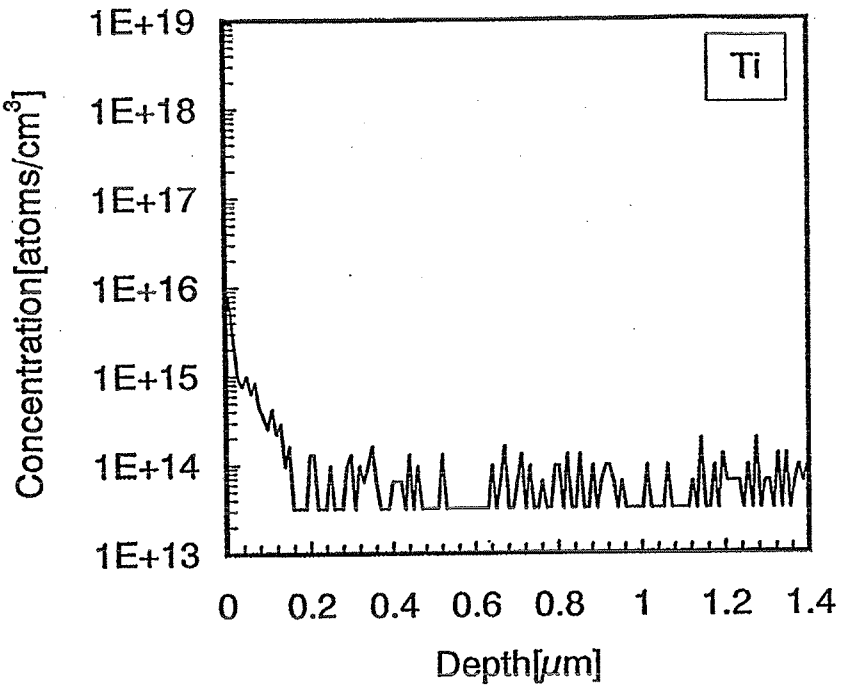
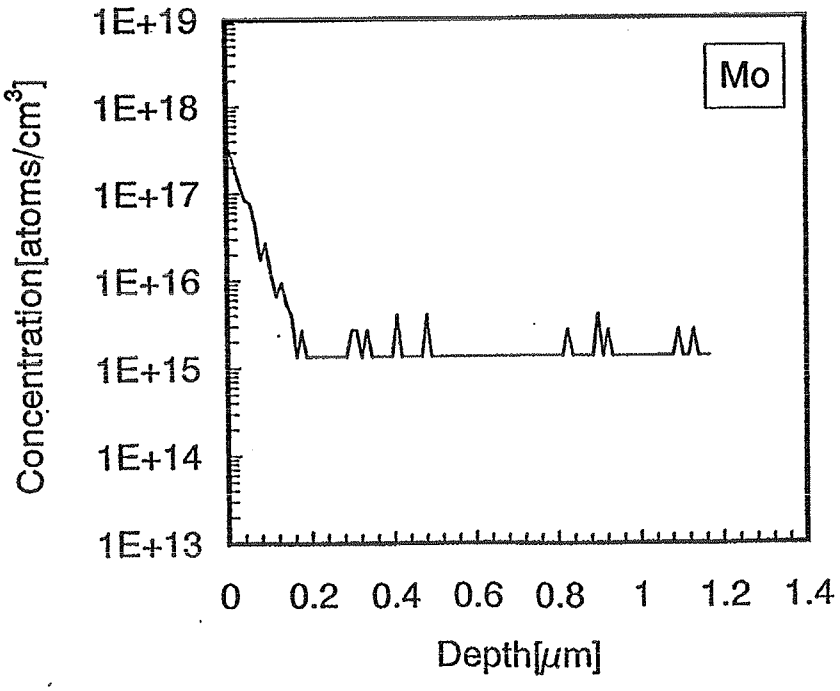

Ti
Concentration[atoms/cm3]
1E+19
1E+18
1E+17
1E+16
1E+15
1E+14
1E+13
0
0.2
0.4
0.6
0.8
1
1.2
1.4
Depth[μm]

FIG.19


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