FIG. 1

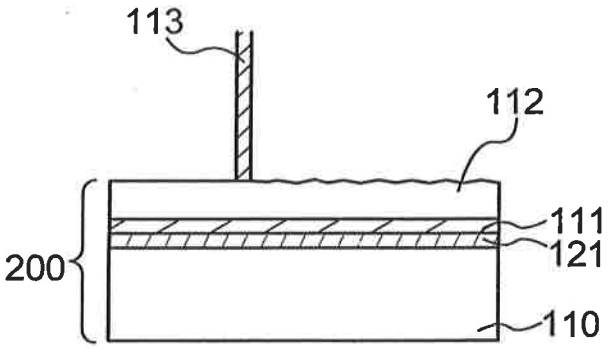


FIG. 2A

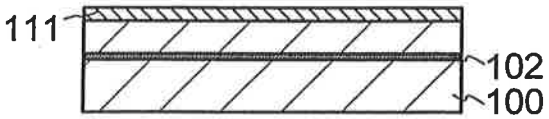


FIG. 2B

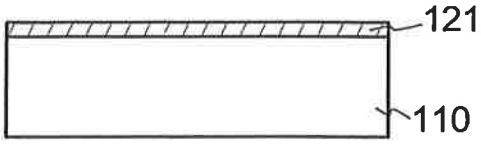


FIG. 2C

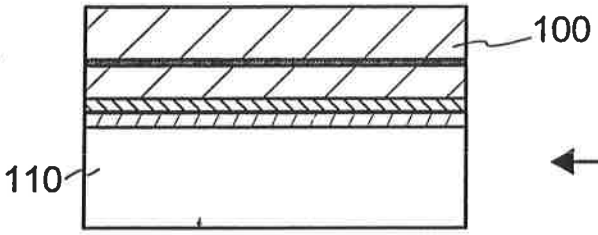


FIG. 2D

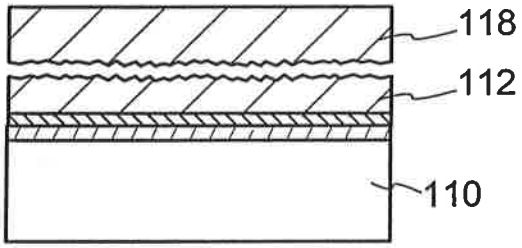


FIG. 2E

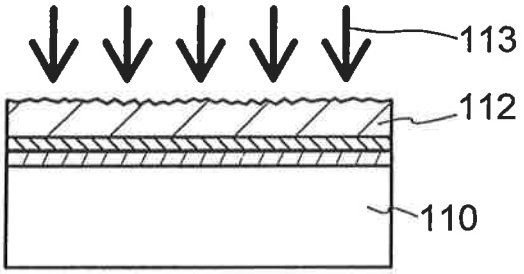


FIG. 2F

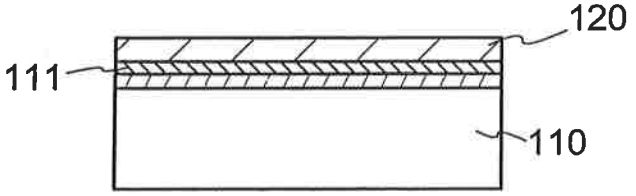


FIG. 3A

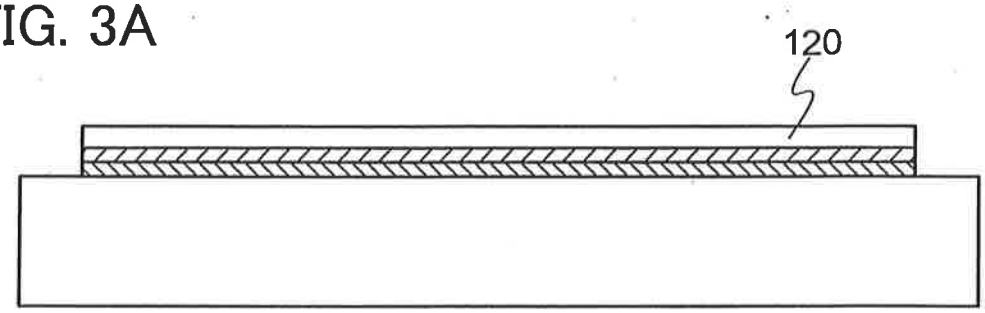


FIG. 3B

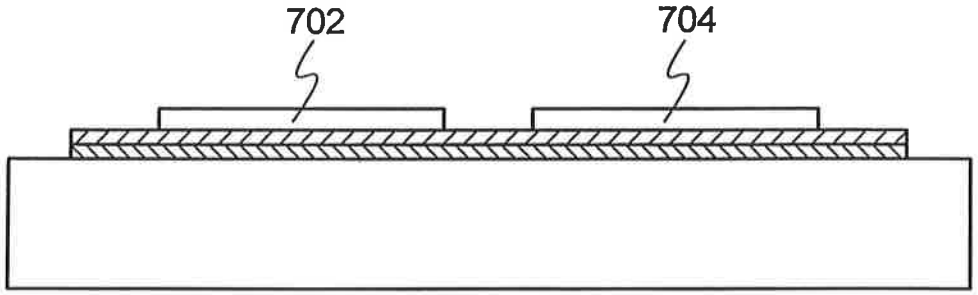


FIG. 3C

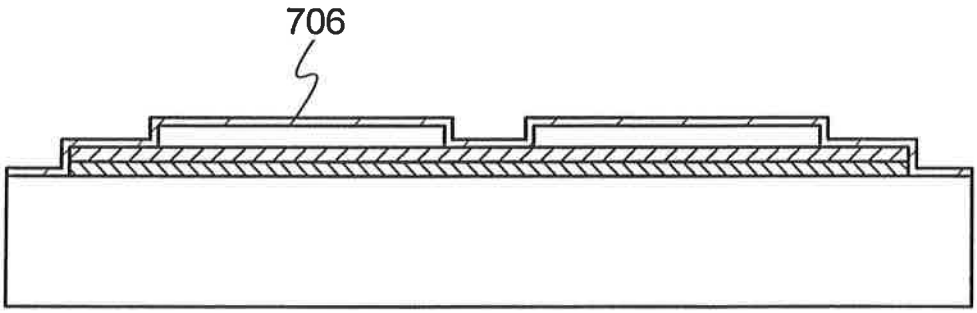


FIG. 3D

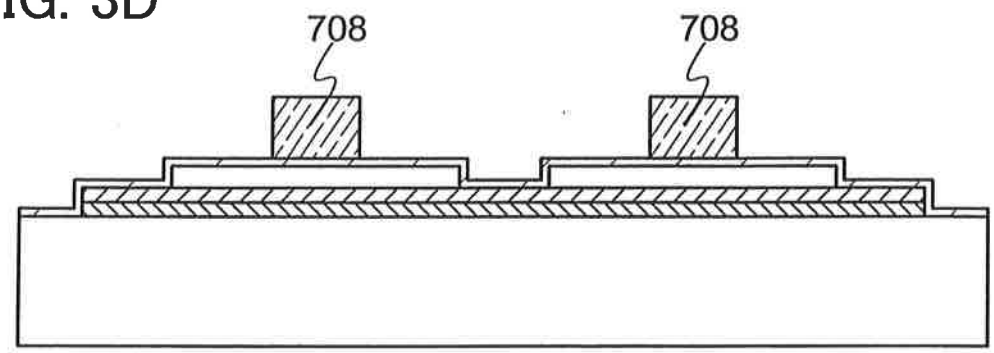


FIG. 4A

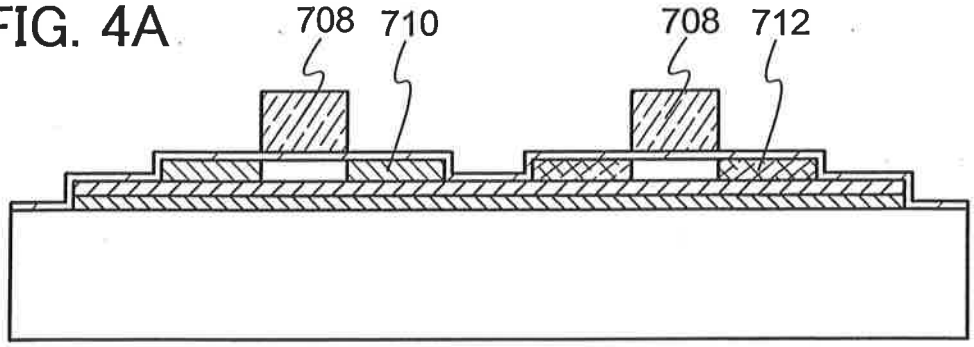


FIG. 4B

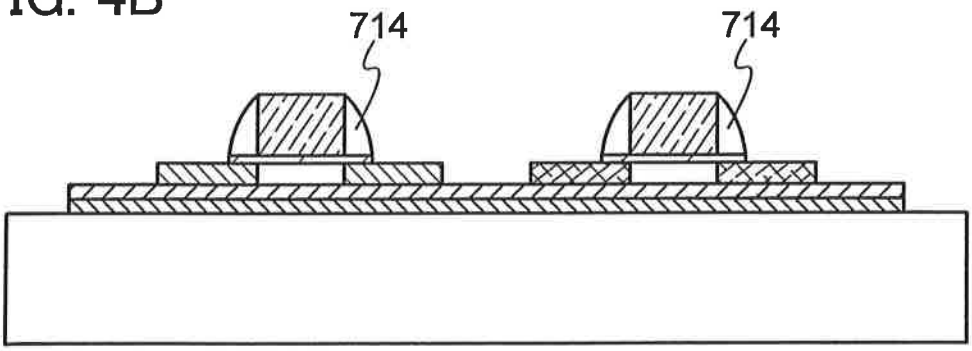


FIG. 4C

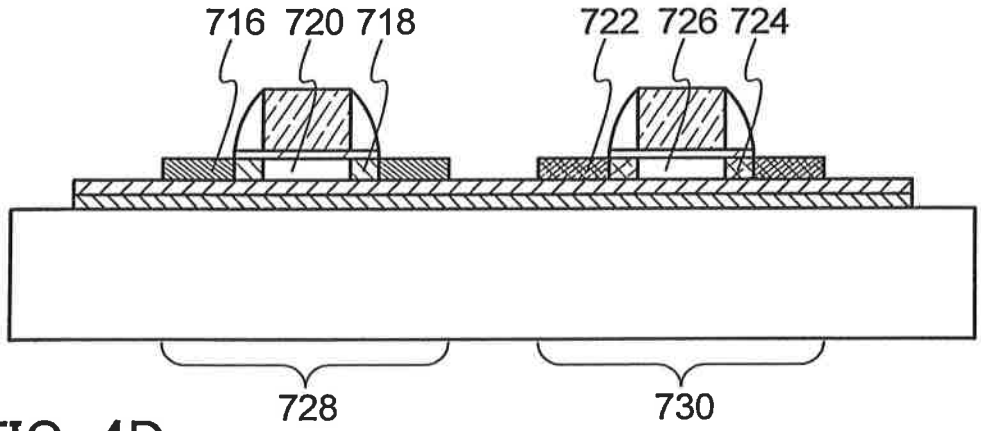


FIG. 4D

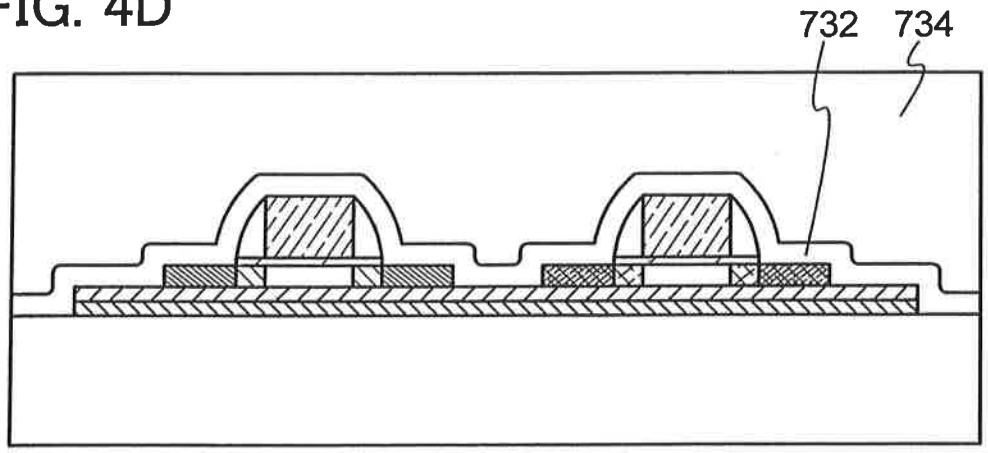


FIG. 5A

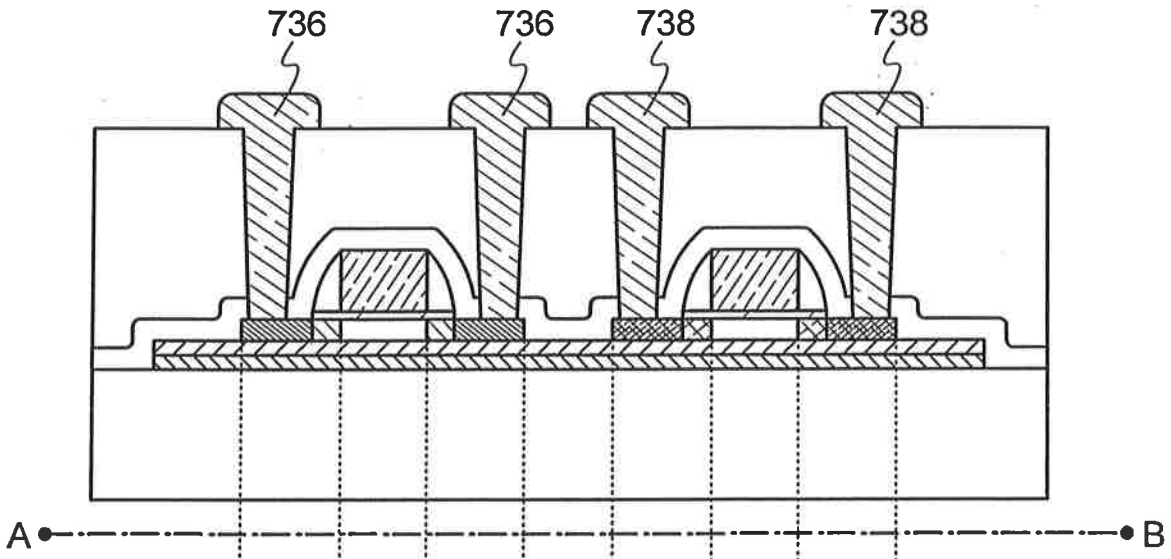


FIG. 5B

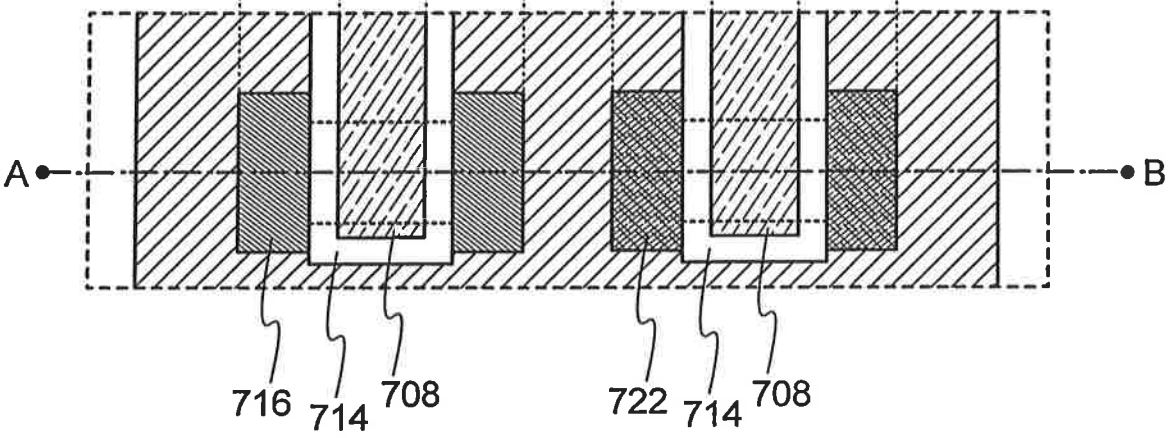


FIG. 6A

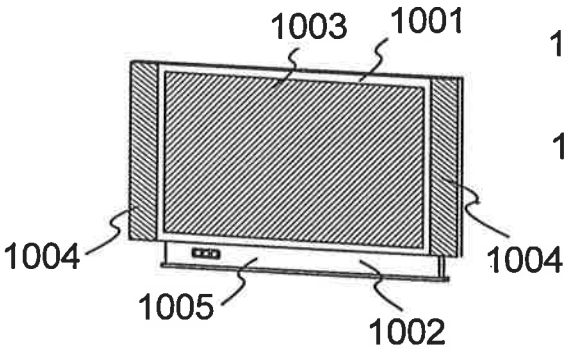


FIG. 6B

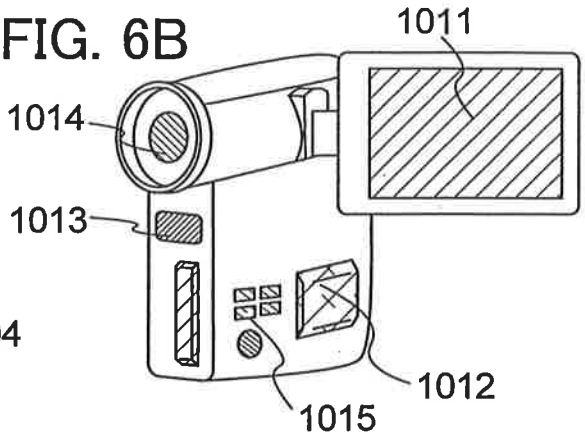


FIG. 6C

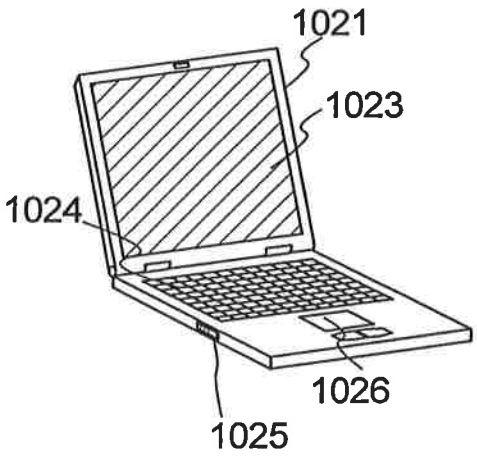


FIG. 6D

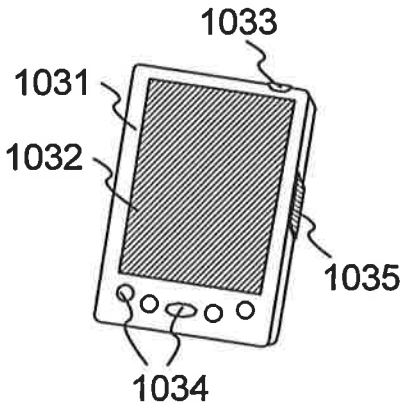


FIG. 6E

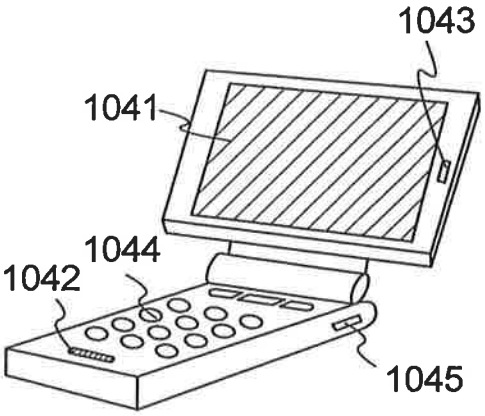


FIG. 7A

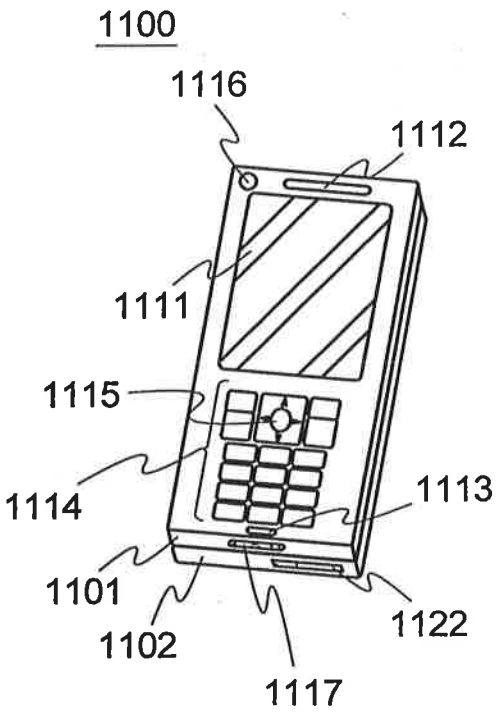


FIG. 7B

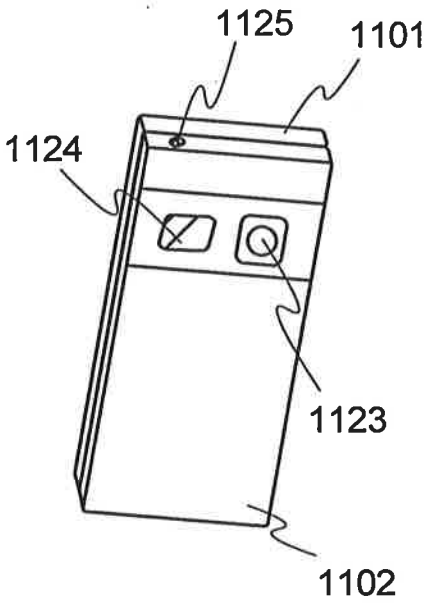


FIG. 7C

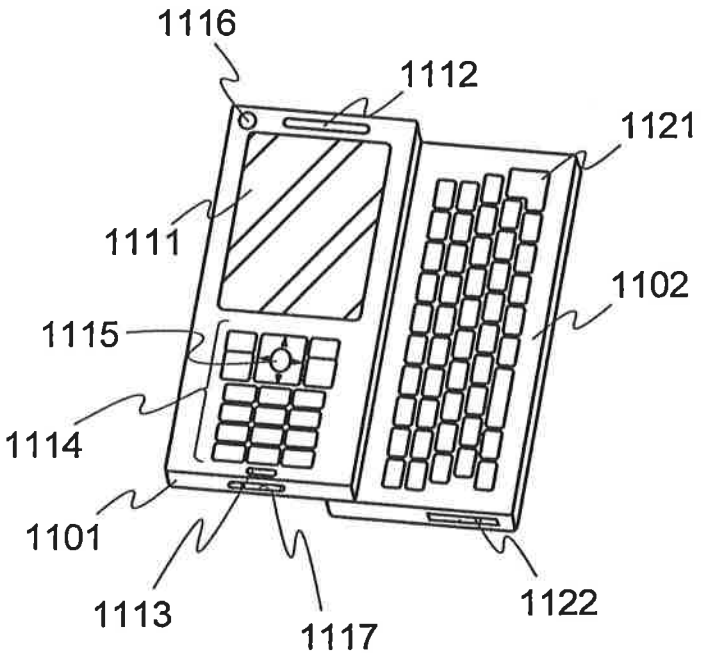


FIG. 8

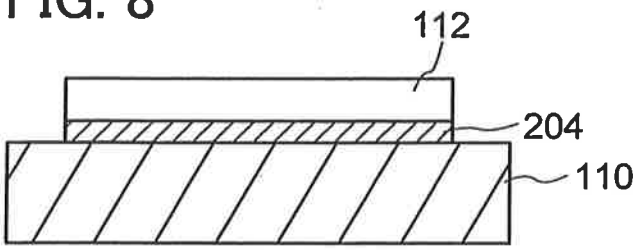


FIG. 10

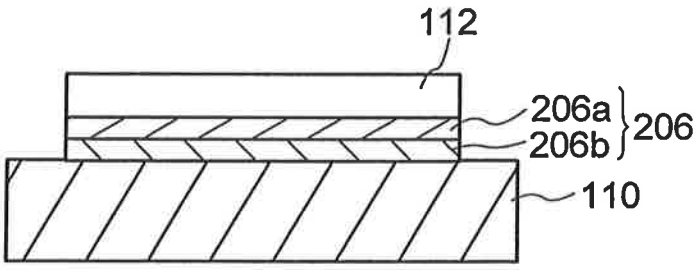


FIG. 9A

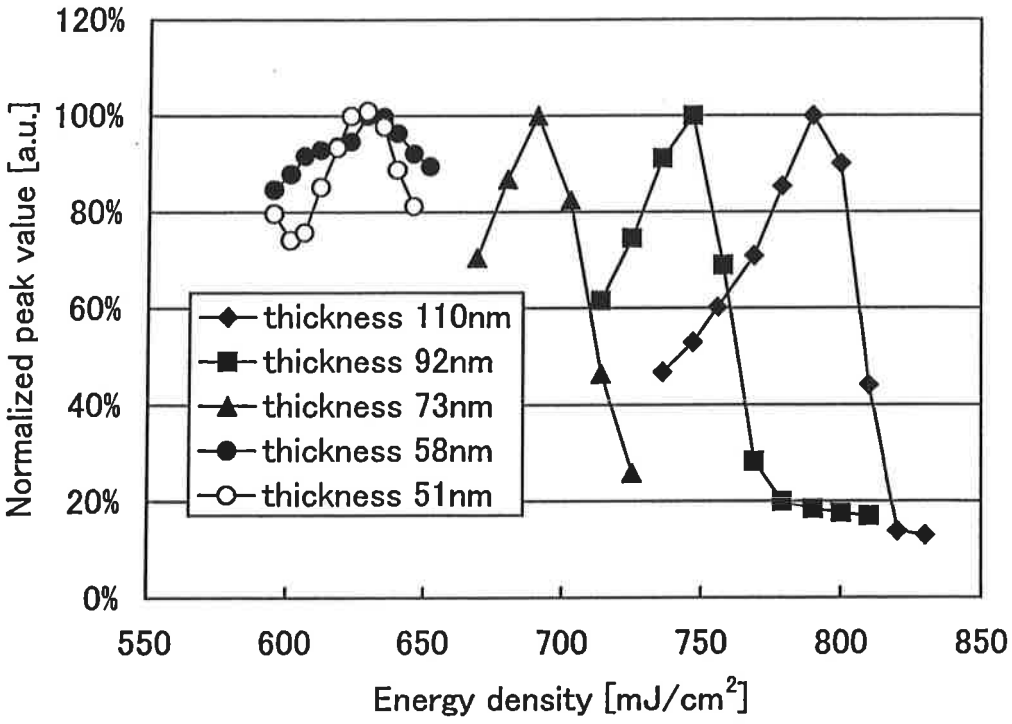

120%
100%
80%
60%
40%
20%
0%
Normalized peak value [a.u.]
thickness 110nm
thickness 92nm
thickness 73nm
thickness 58nm
thickness 51nm
550
600
650
700
750
800
850
Energy density [mJ/cm2]

FIG. 9B

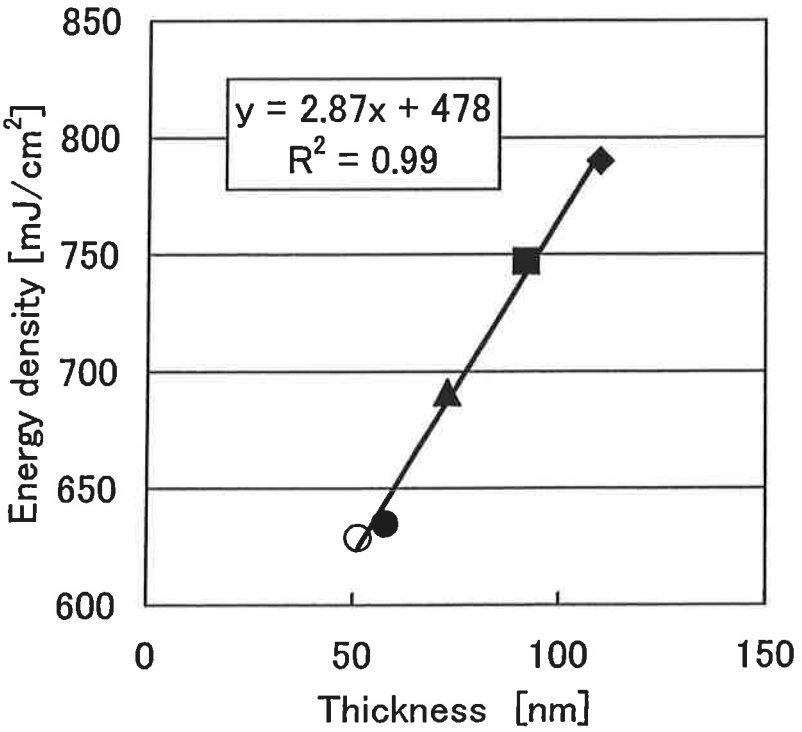

850
800
750
700
650
600
Energy density [mJ/cm2]
y = 2.87x + 478
R2 = 0.99
0
50
100
150
Thickness [nm]

FIG. 11

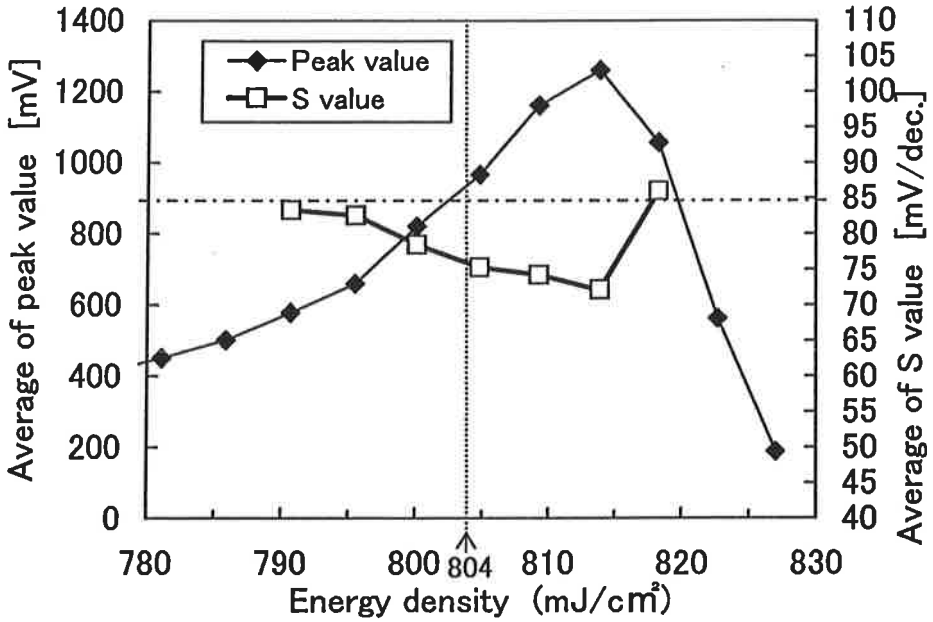

Peak value
S value
Average of peak value [mV]
Average of S value [mV/dec.]
Energy density (mJ/cm²)
1400
1200
1000
800
600
400
200
0
110
105
100
95
90
85
80
75
70
65
60
55
50
45
40
780
790
800
804
810
820
830

FIG. 12

