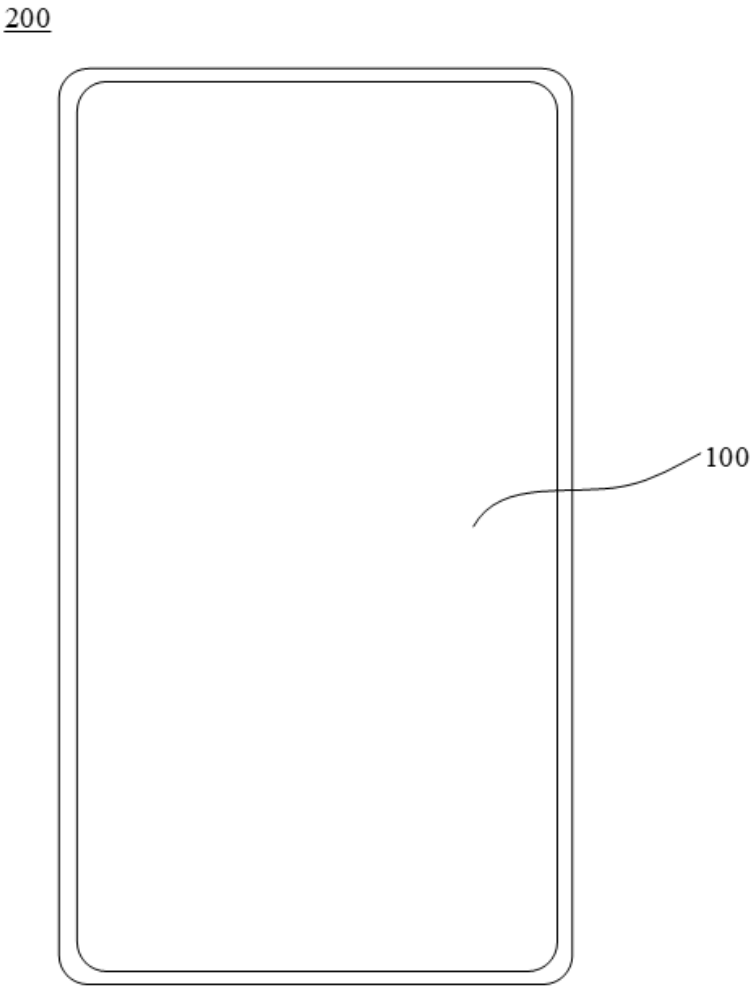


FIG. 1

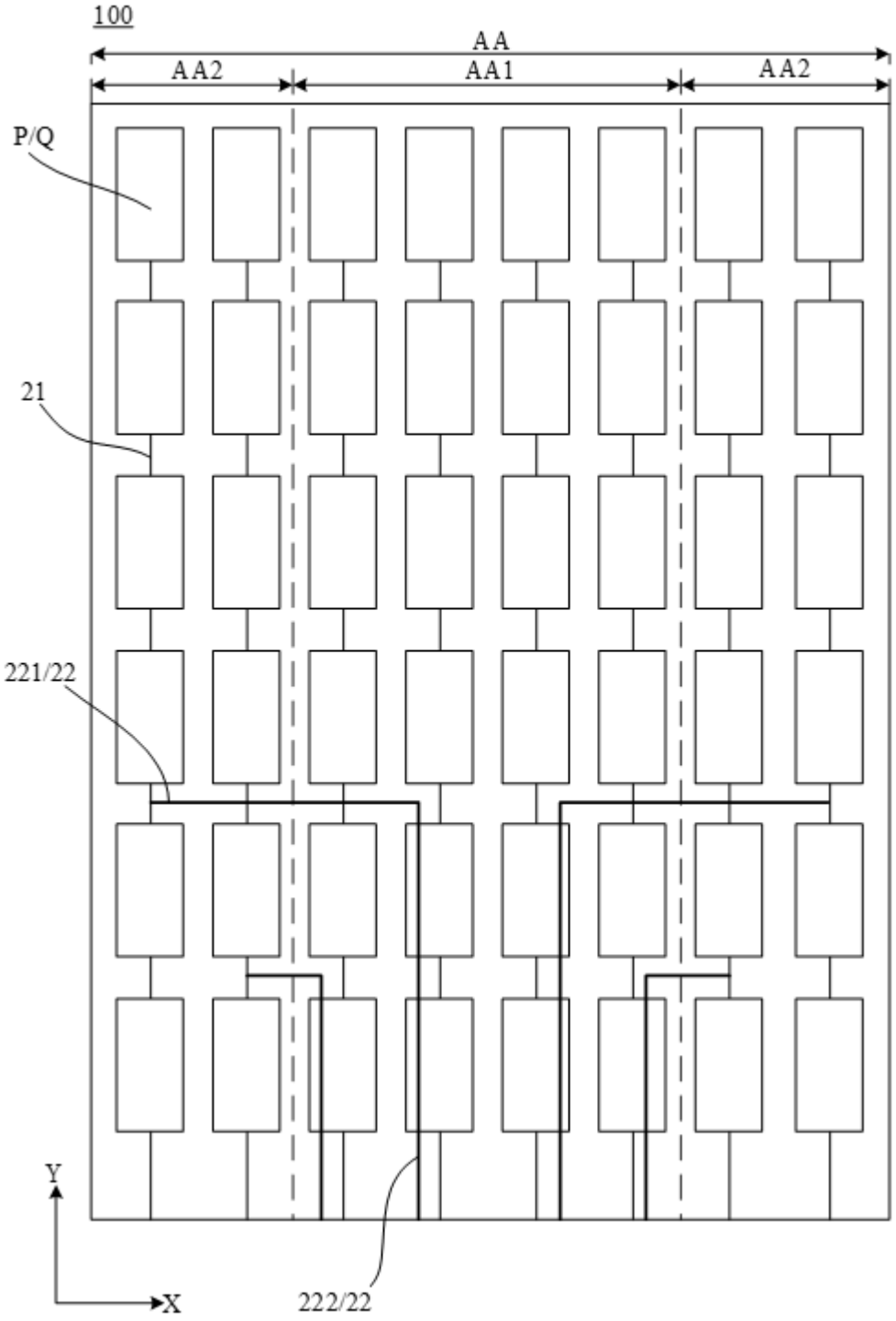


FIG. 2

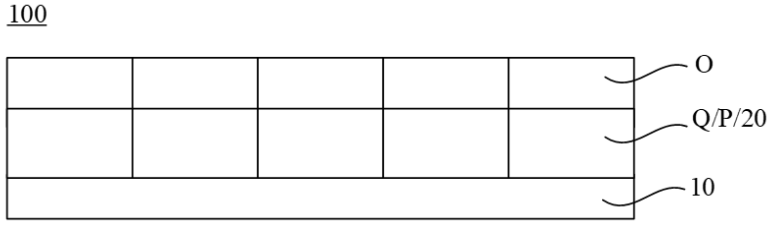


FIG. 3

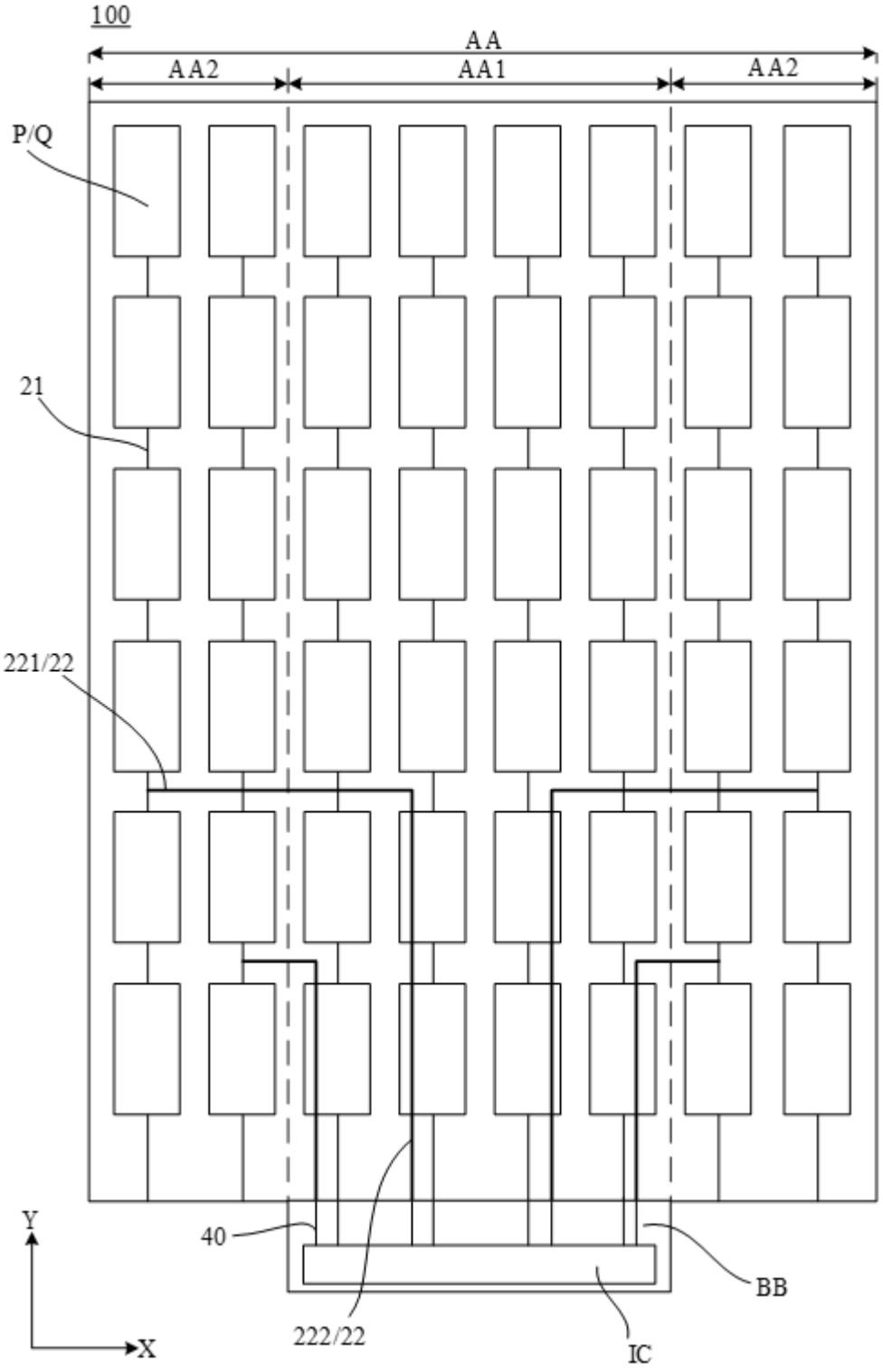


FIG. 4

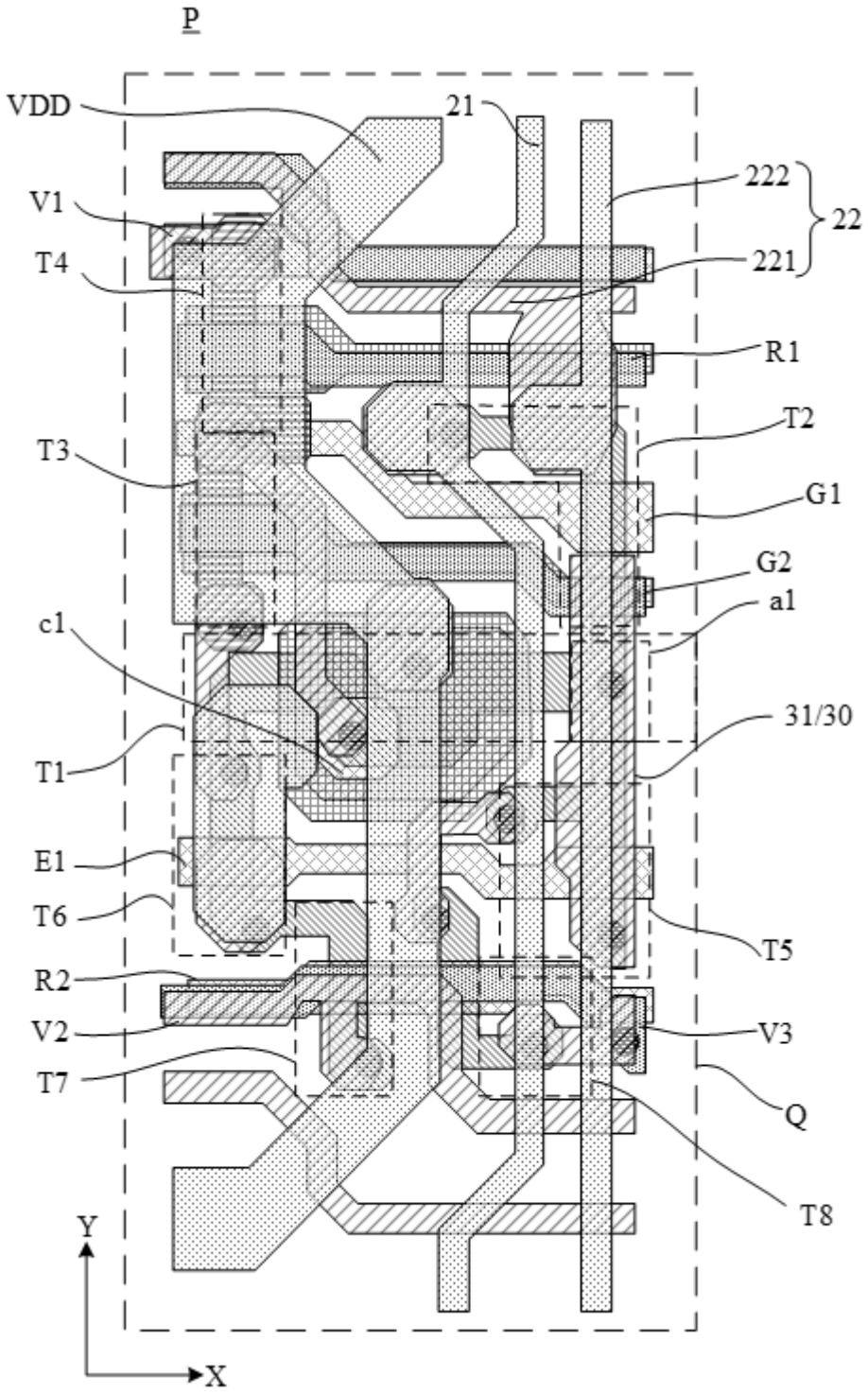

P
VDD
21
222
22
V1
221
T4
R1
T2
T3
G1
G2
a1
c1
31/30
T1
E1
T6
T5
R2
V2
V3
T7
Q
T8
Y
X

FIG. 5

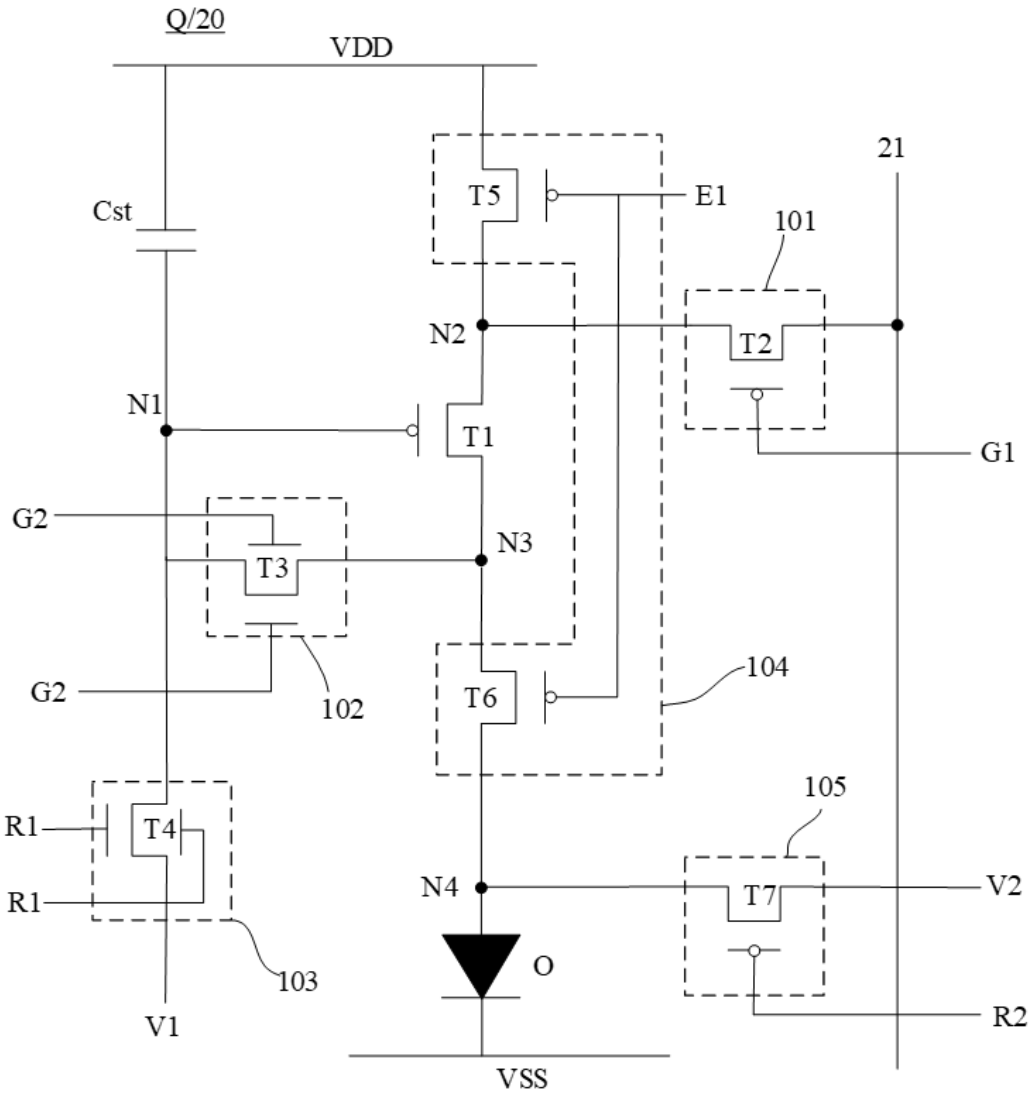

Q/20
VDD
Cst
T5
E1
21
101
N2
T2
N1
T1
G1
G2
T3
N3
G2
102
T6
104
105
R1
T4
N4
T7
V2
R1
O
103
V1
R2
VSS

FIG. 6

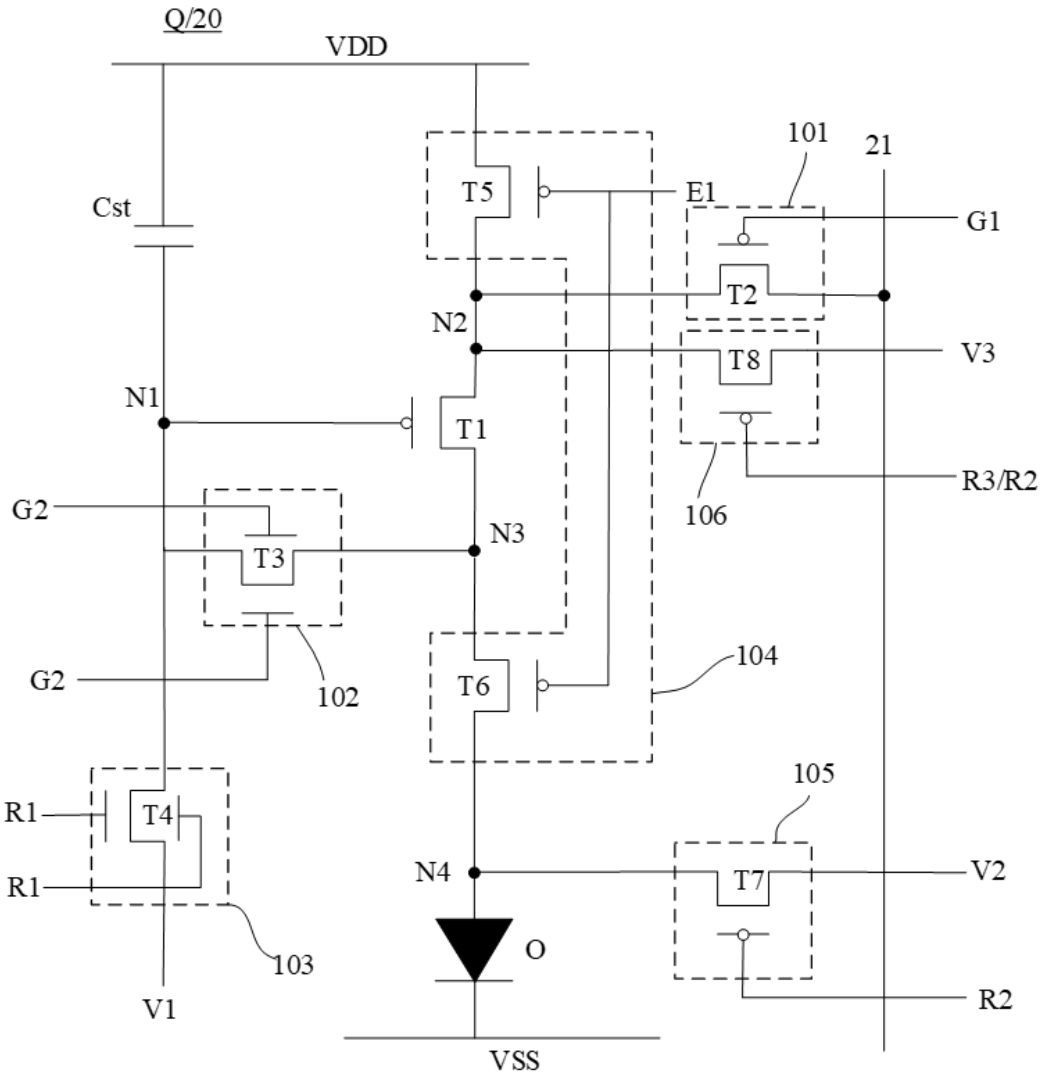

Q/20
VDD
Cst
T5
E1
101
21
G1
T2
N2
T8
V3
N1
T1
R3/R2
106
G2
T3
N3
G2
102
T6
104
R1
T4
105
R1
N4
T7
V2
O
103
V1
R2
VSS

FIG. 7

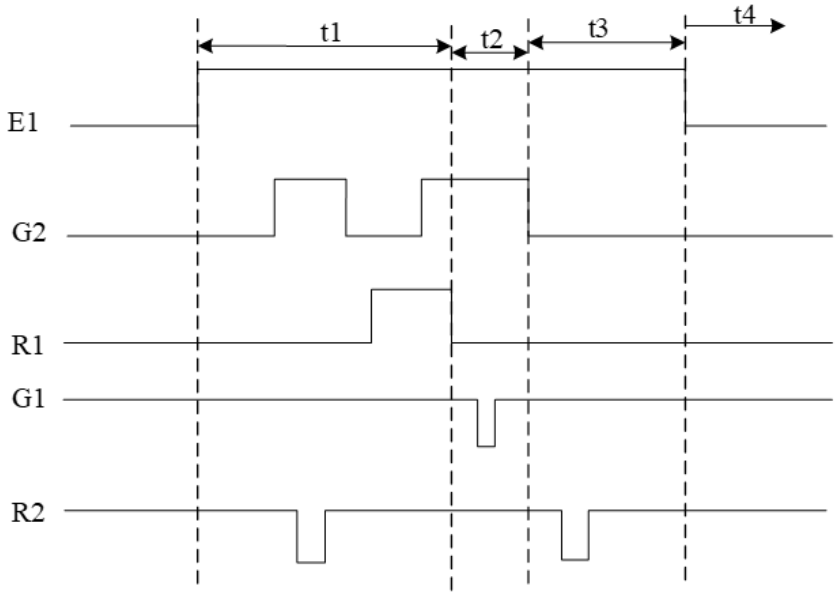

t1
t2
t3
t4
E1
G2
R1
G1
R2

FIG. 8

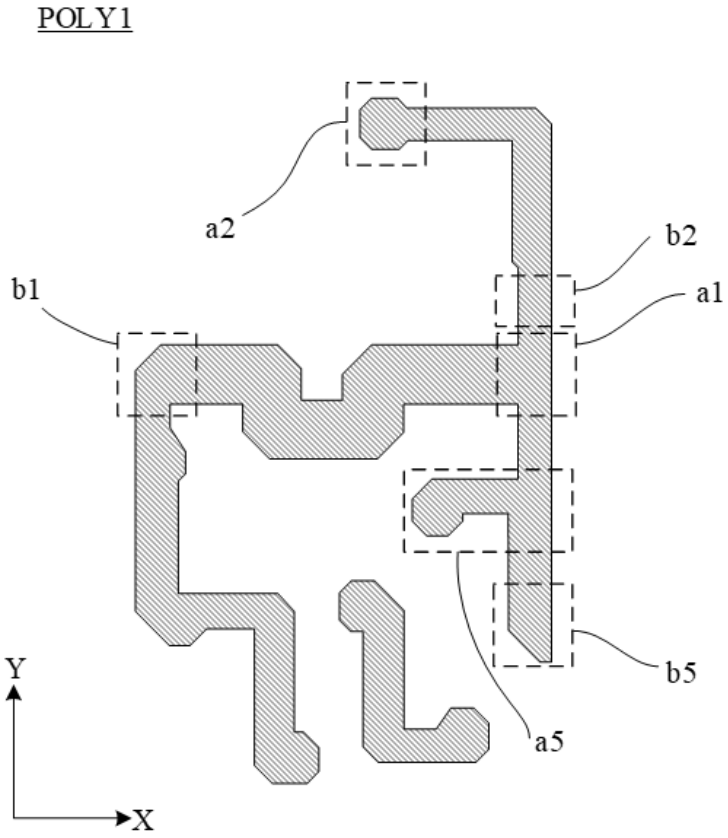


FIG. 9

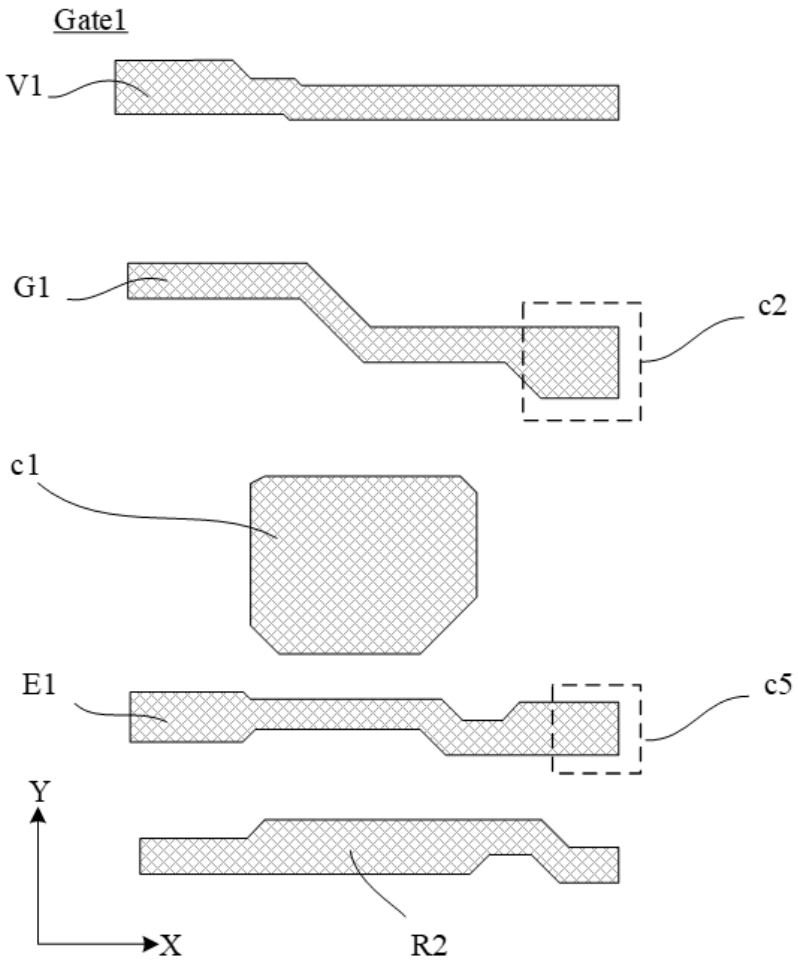


FIG. 10

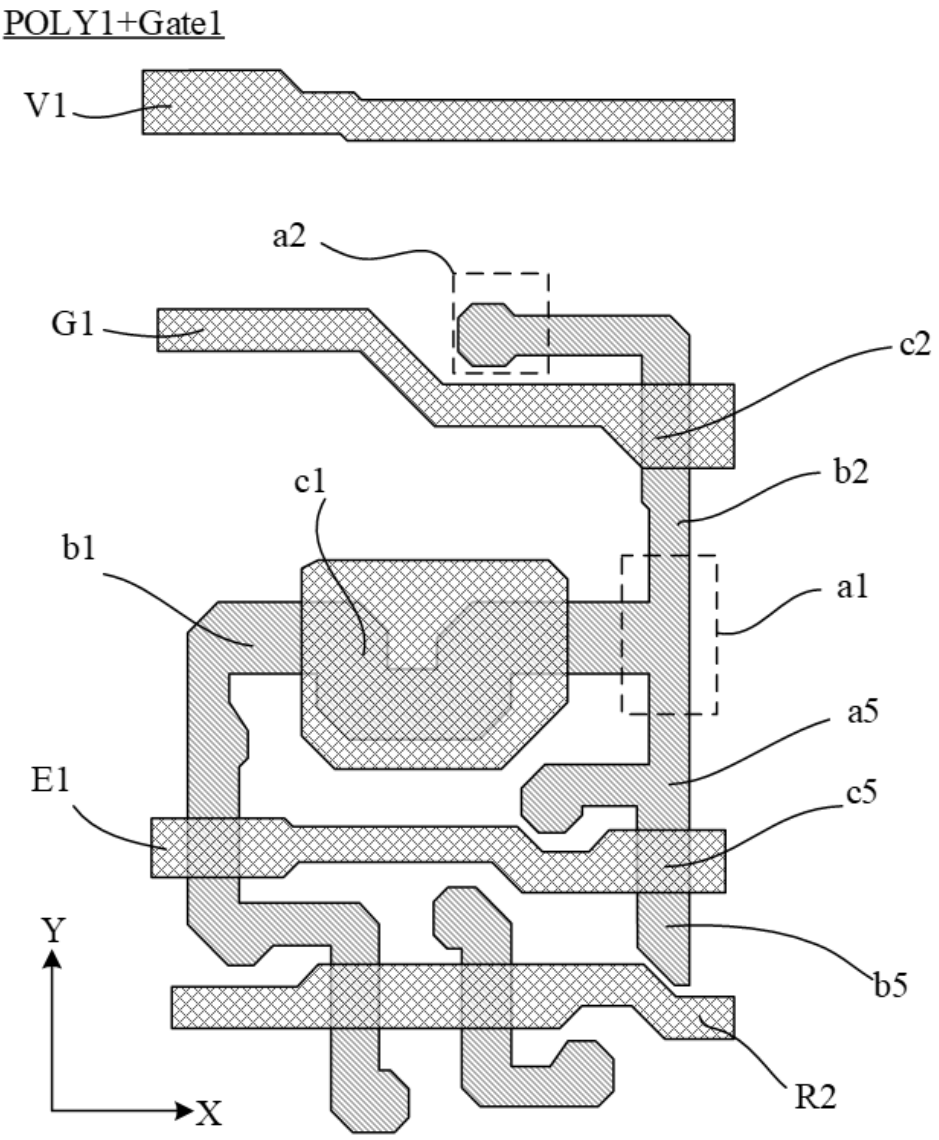


FIG. 11

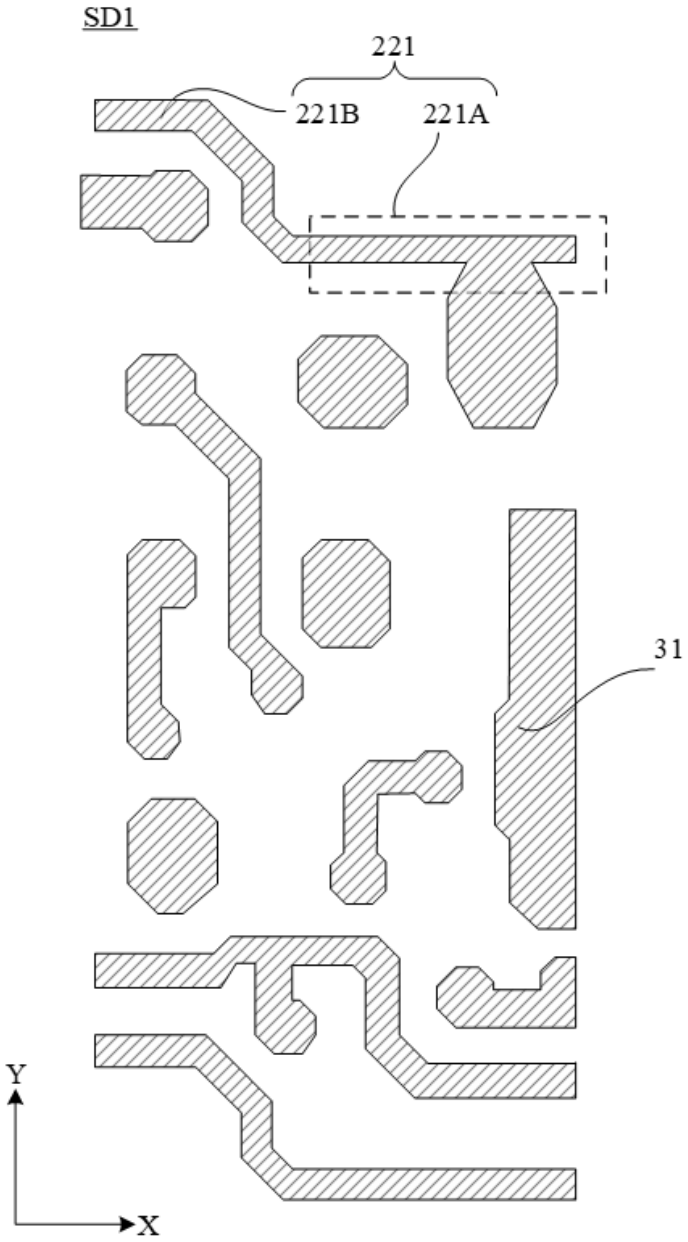


FIG. 12

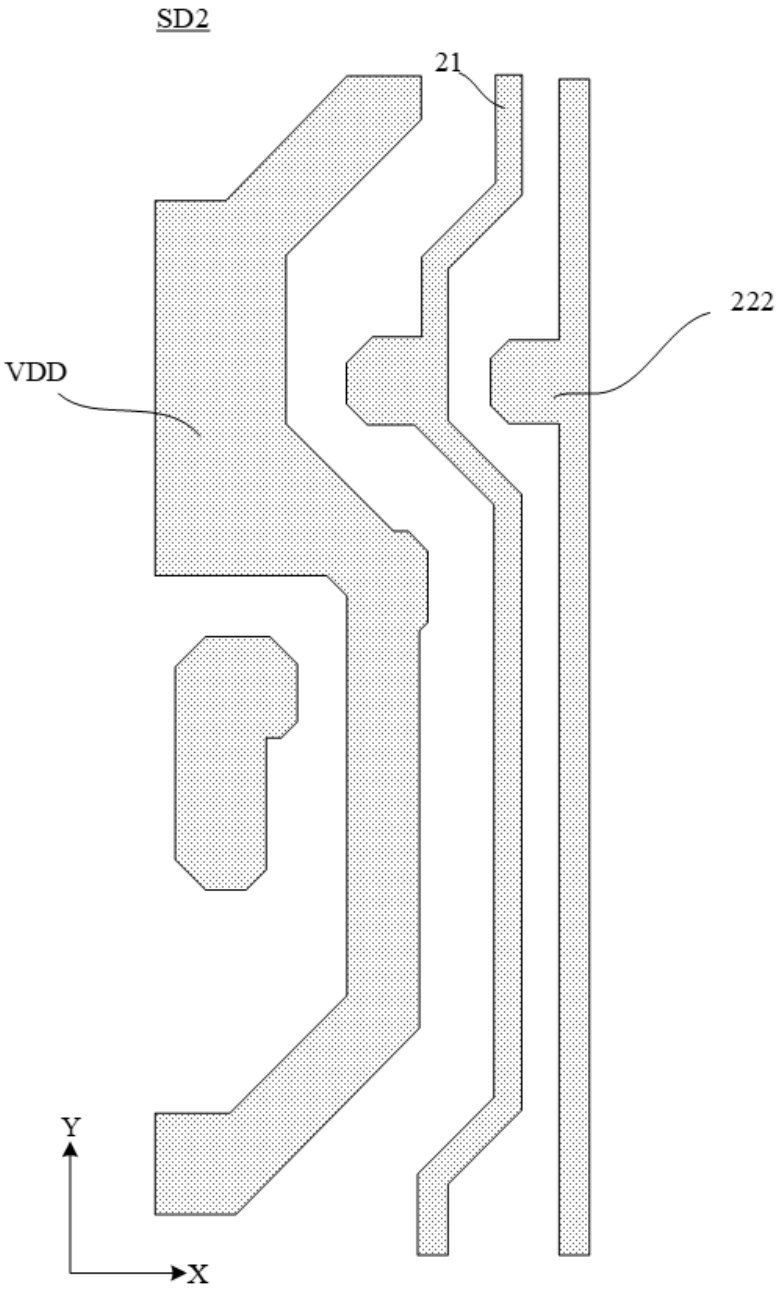


FIG. 13

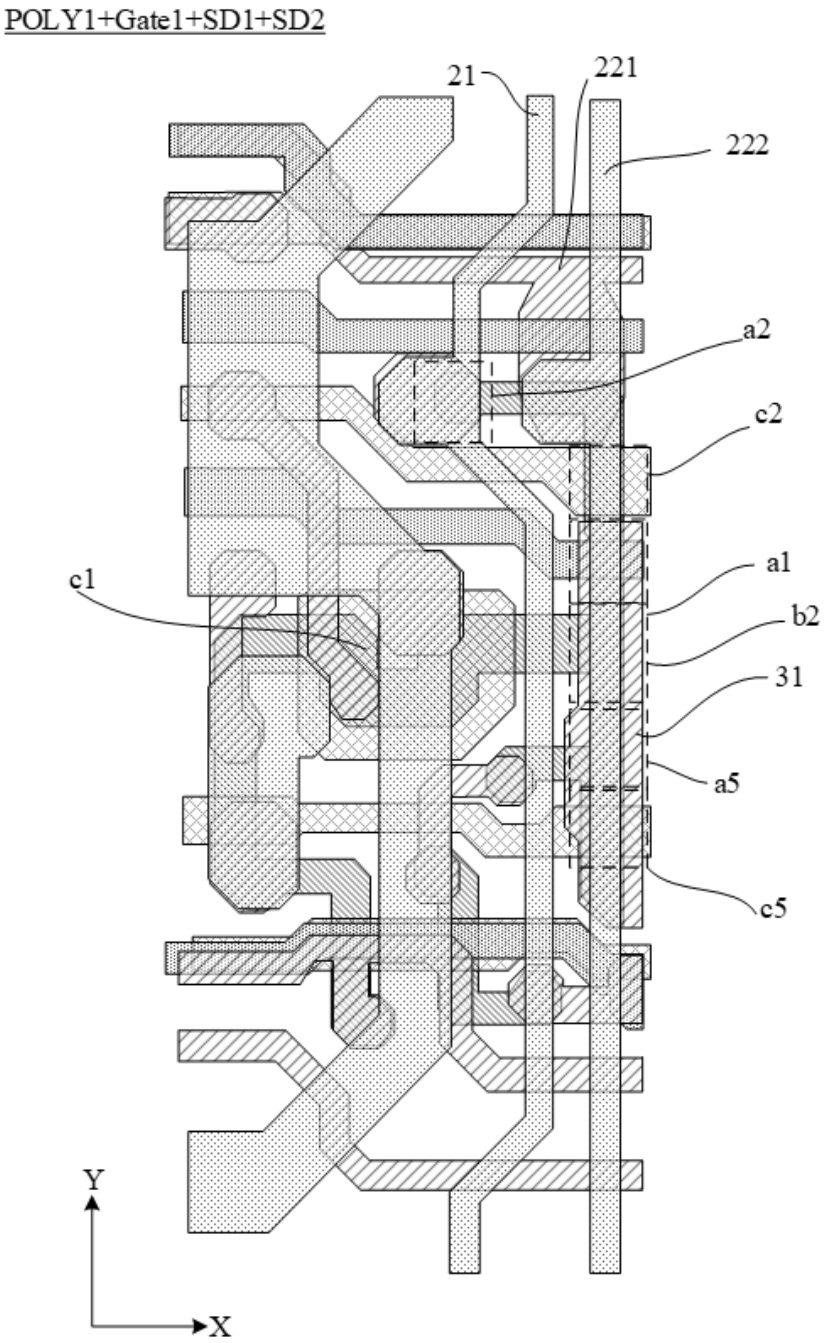


FIG. 14

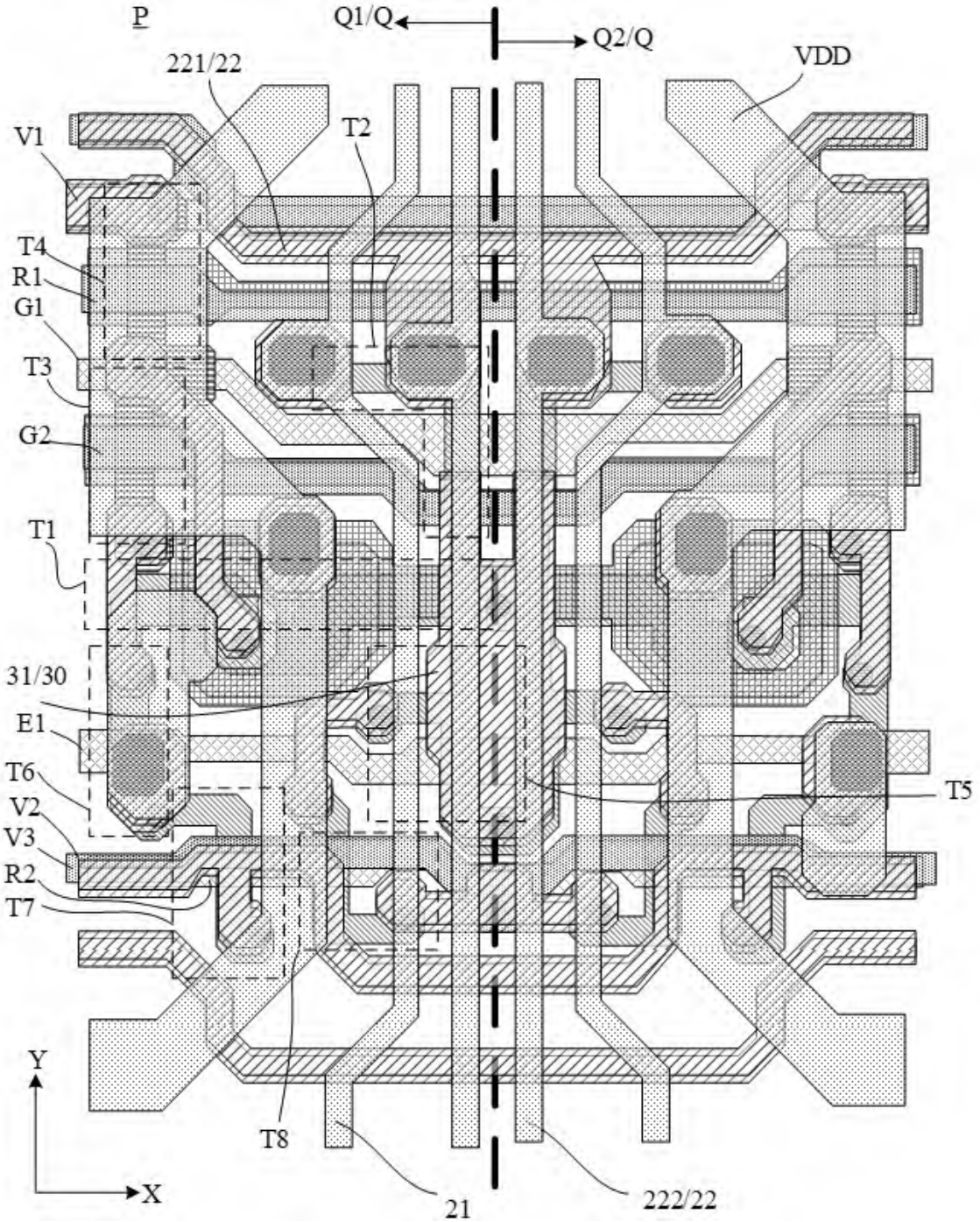

P
Q1/Q
Q2/Q
221/22
VDD
V1
T2
T4
R1
G1
T3
G2
T1
31/30
E1
T6
V2
V3
R2
T7
T5
Y
X
T8
21
222/22

FIG. 15

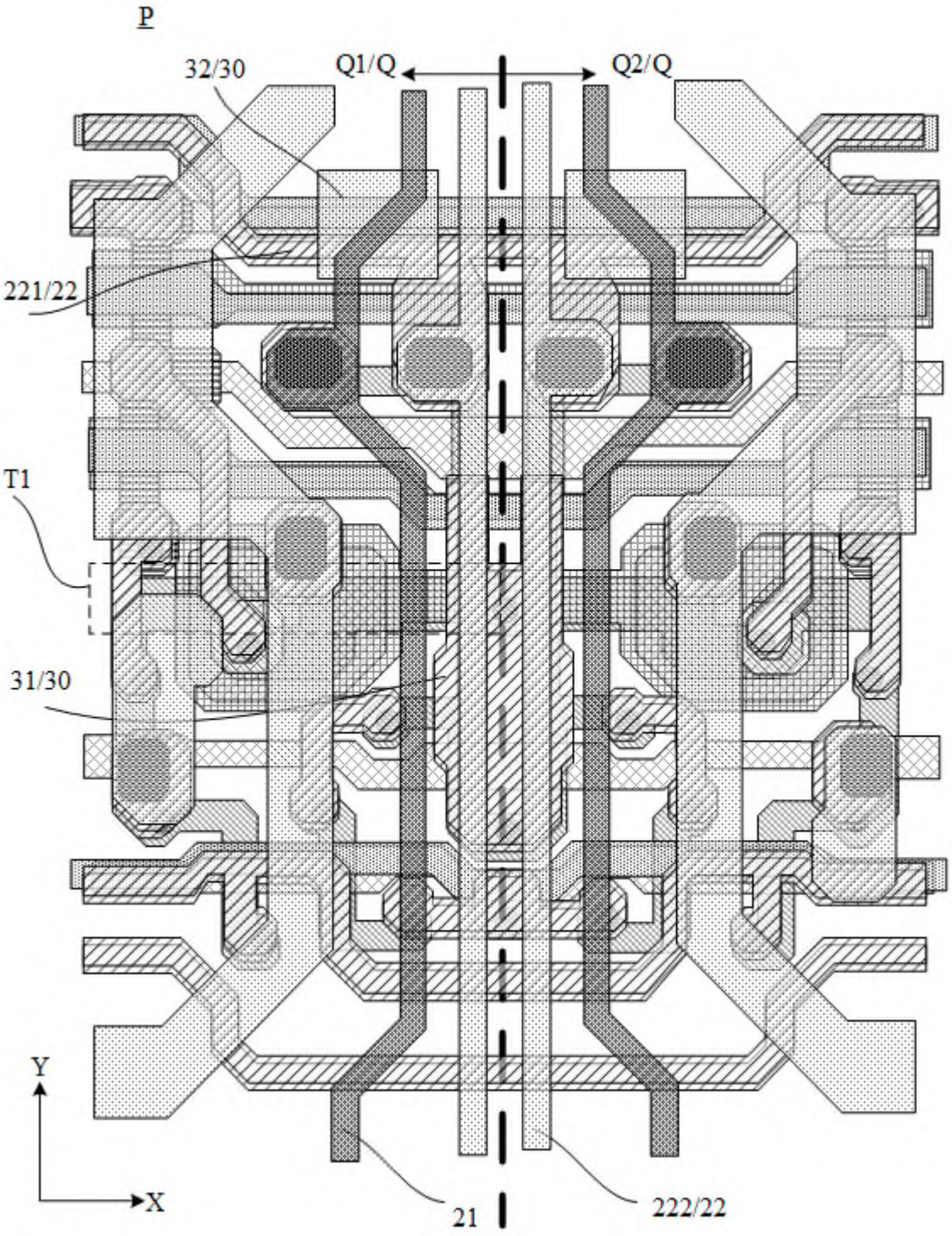


FIG. 16

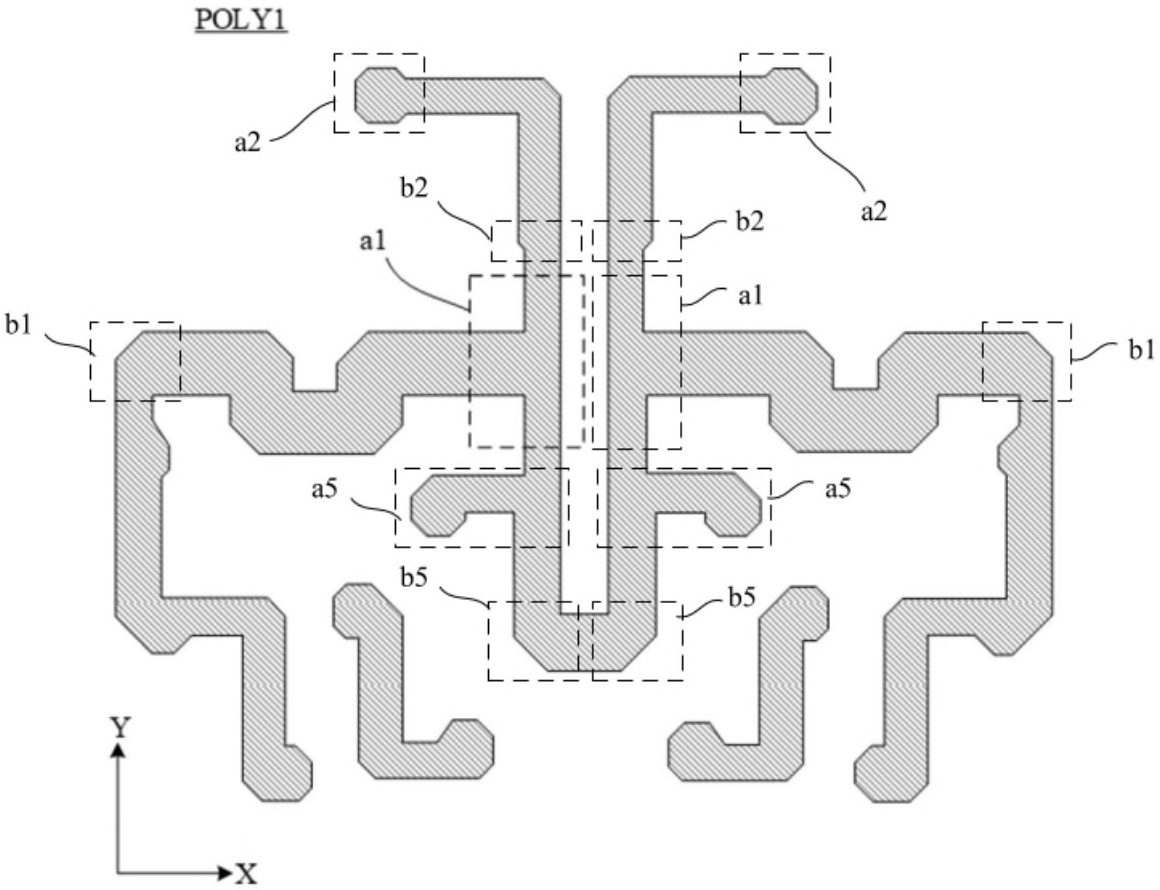


FIG. 17

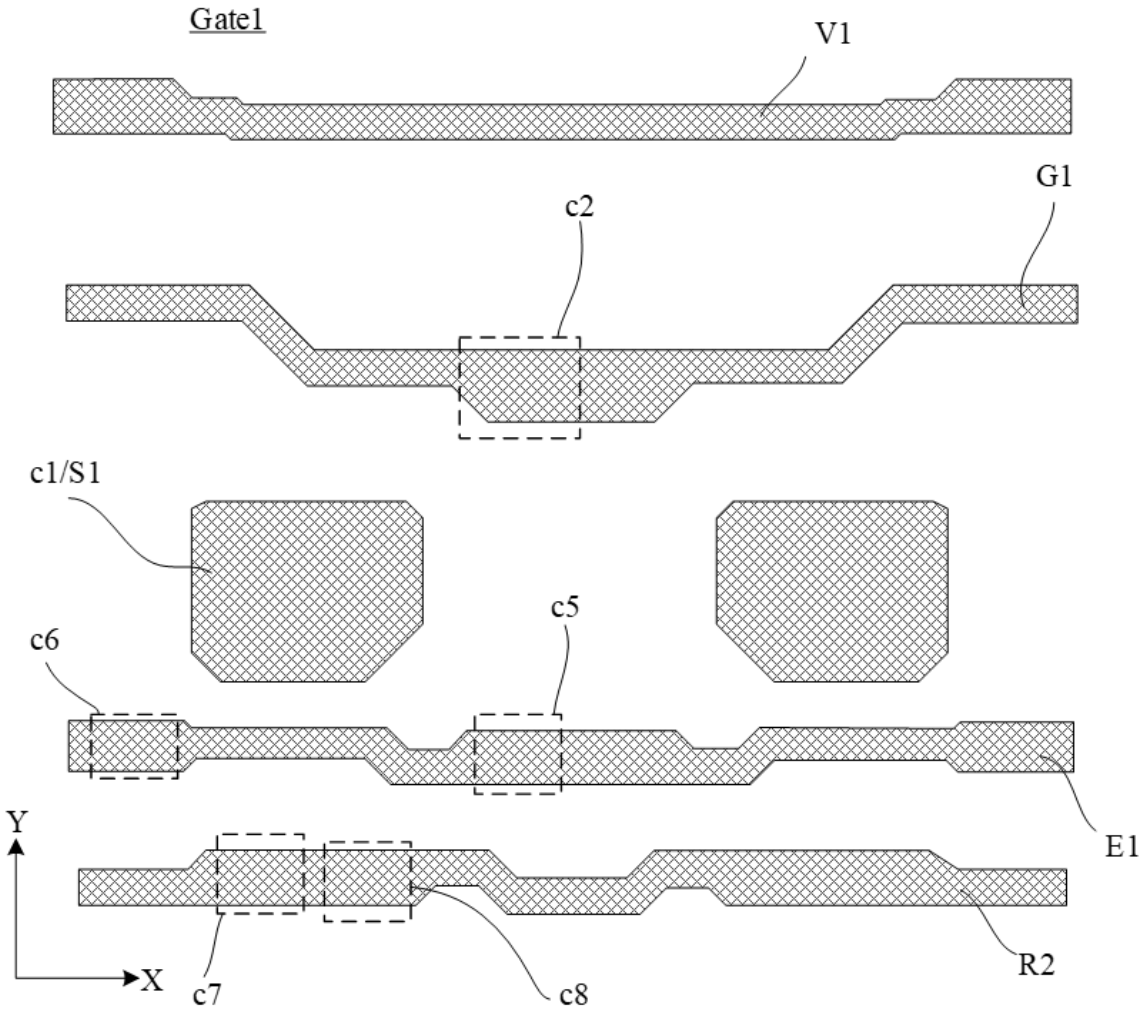


FIG. 18

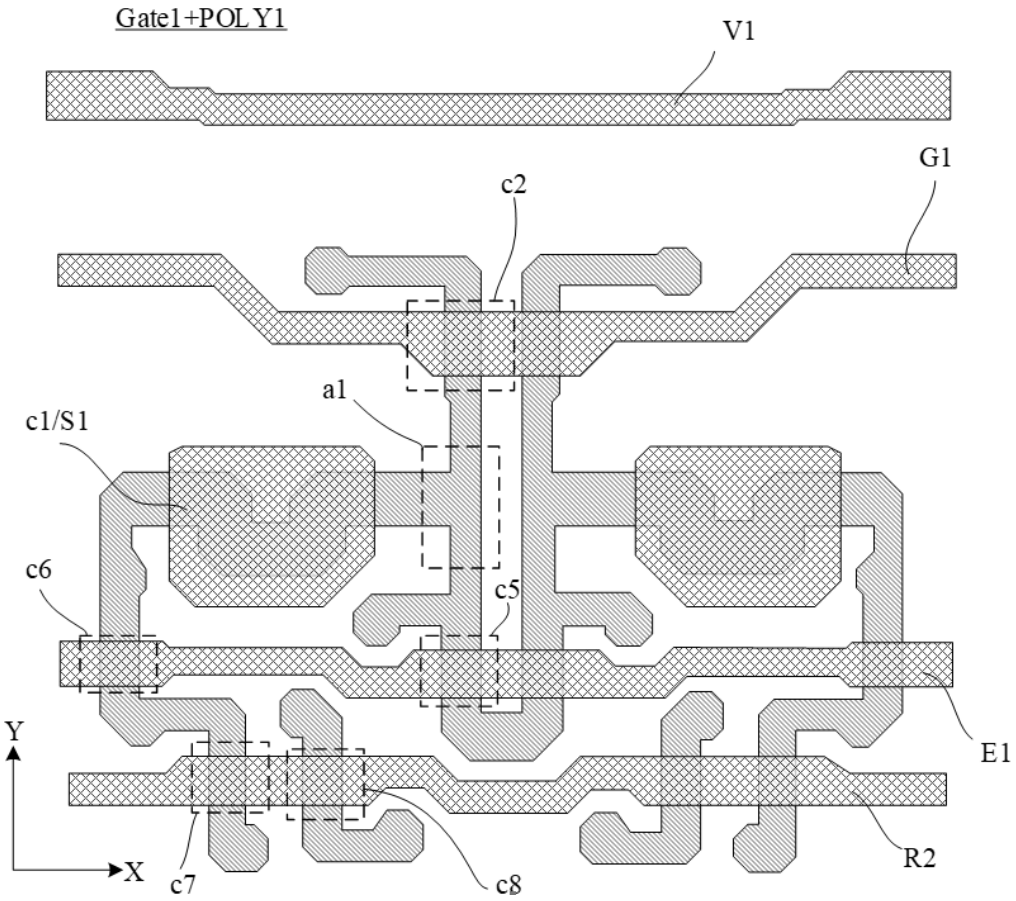

Gate1+POLY1
V1
G1
c2
a1
c1/S1
c6
c5
E1
Y
X
c7
c8
R2

FIG. 19

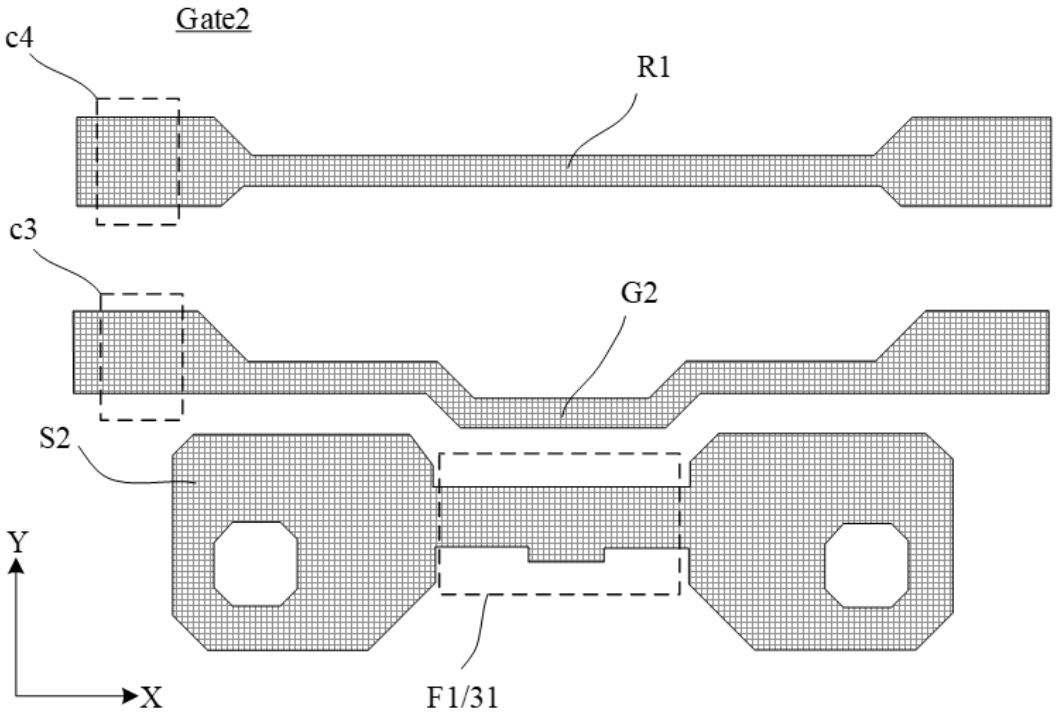

Gate2
c4
R1
c3
G2
S2
Y
X
F1/31

FIG. 20

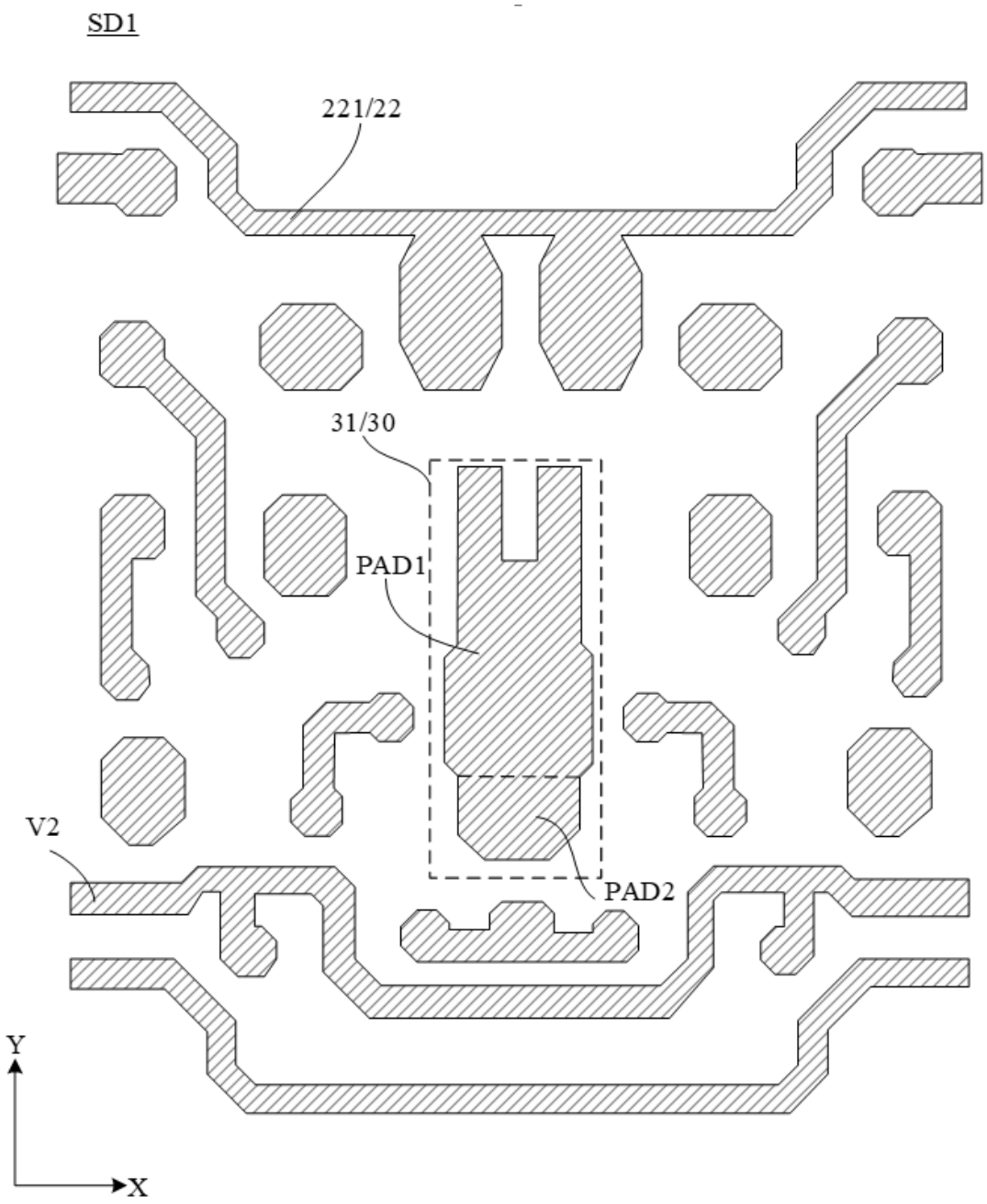


FIG. 21

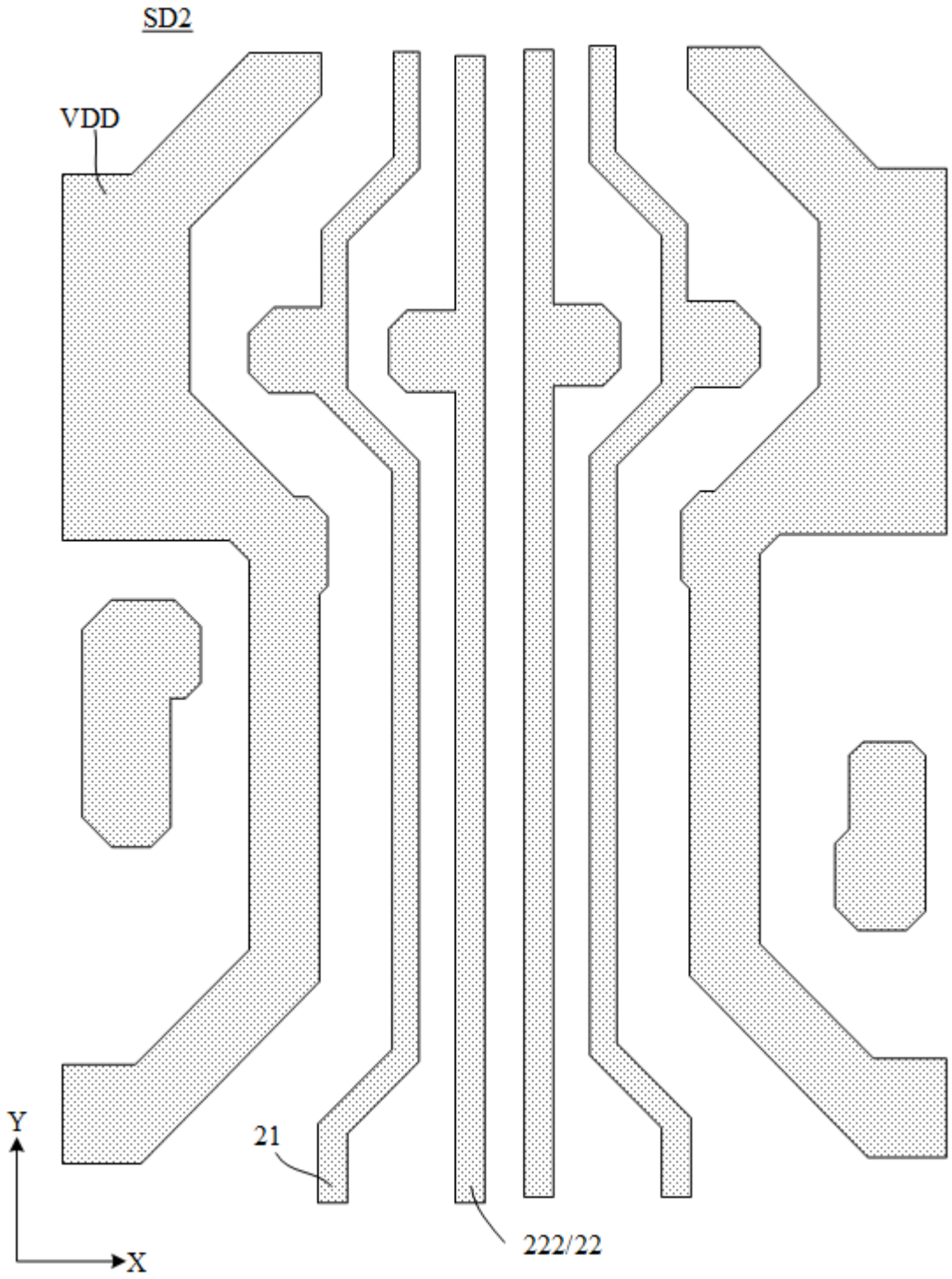


FIG. 22

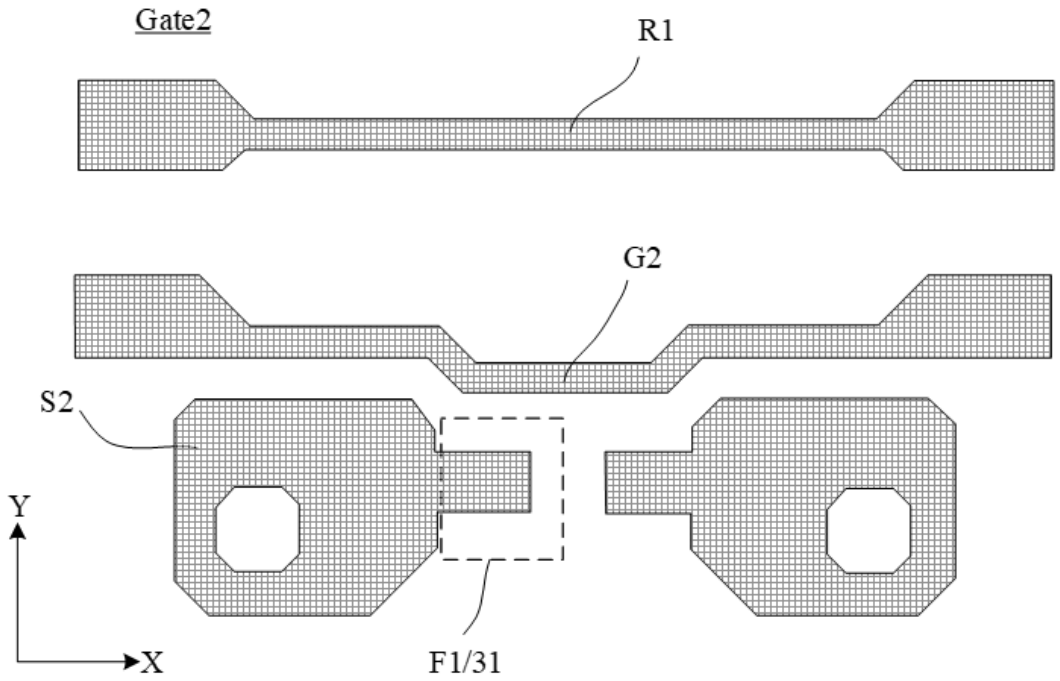


FIG. 23

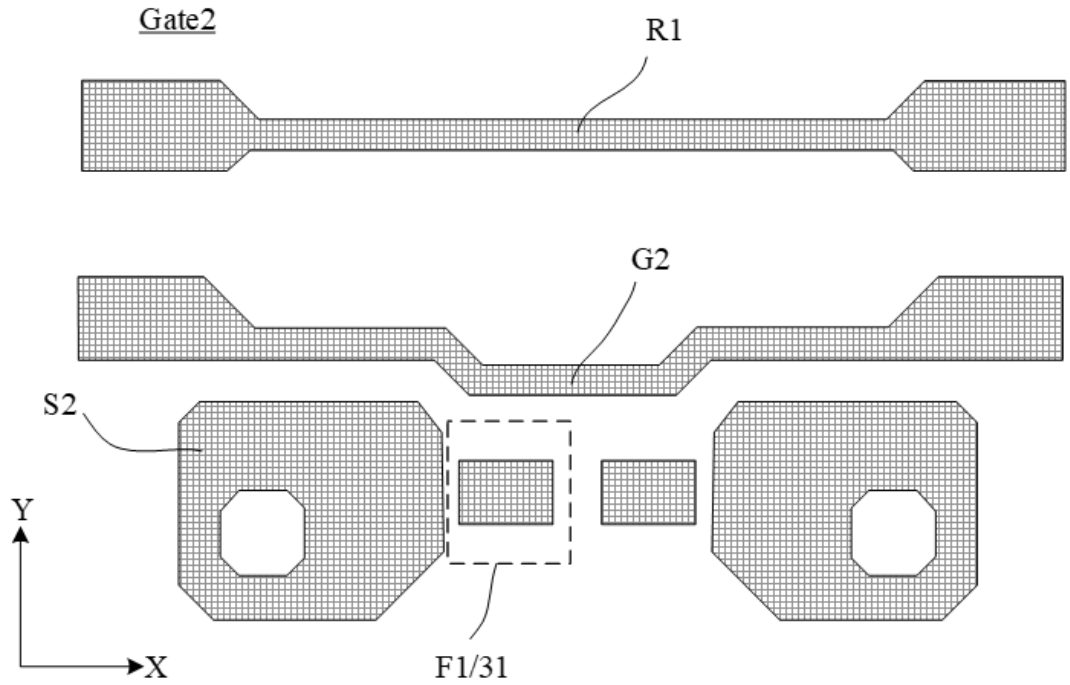


FIG. 24

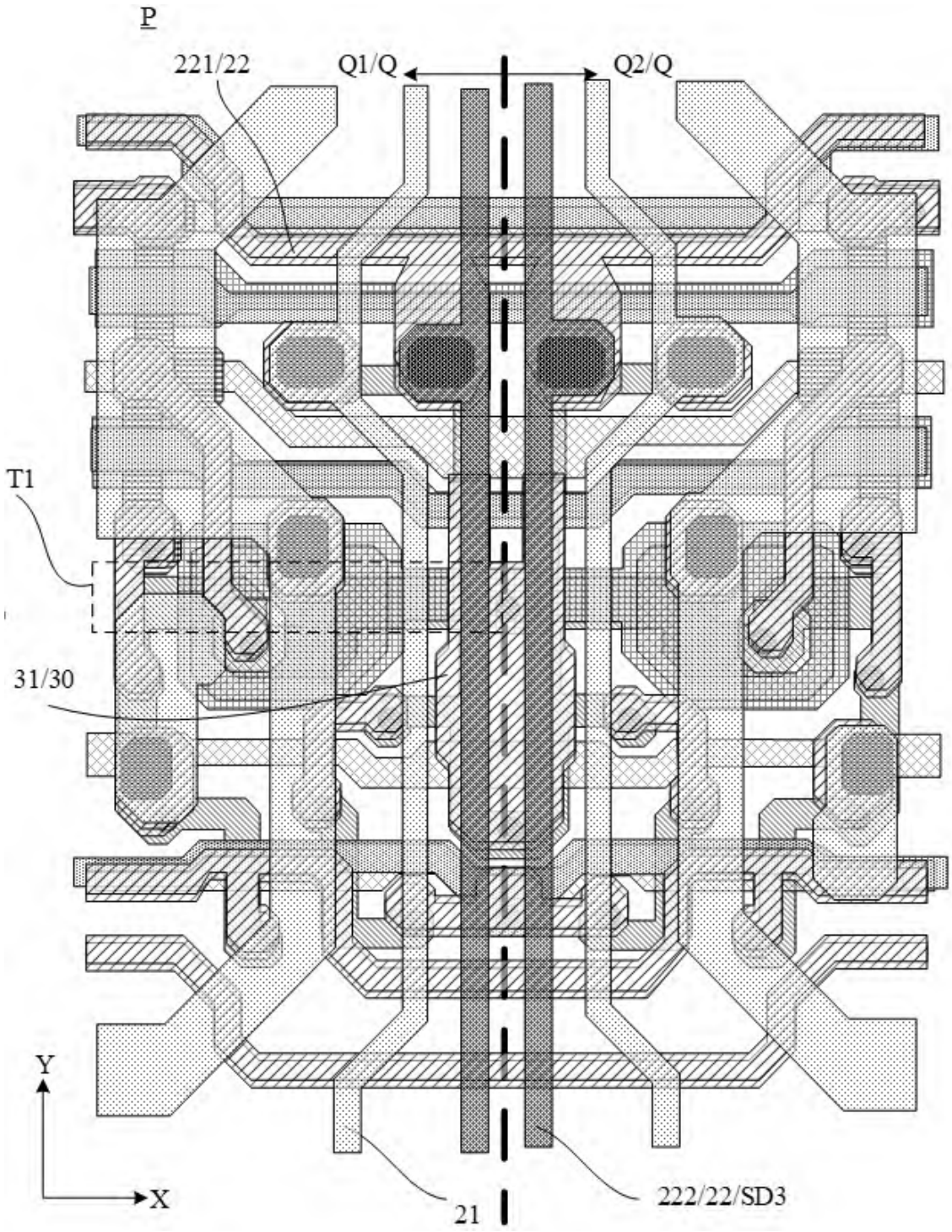


FIG. 25

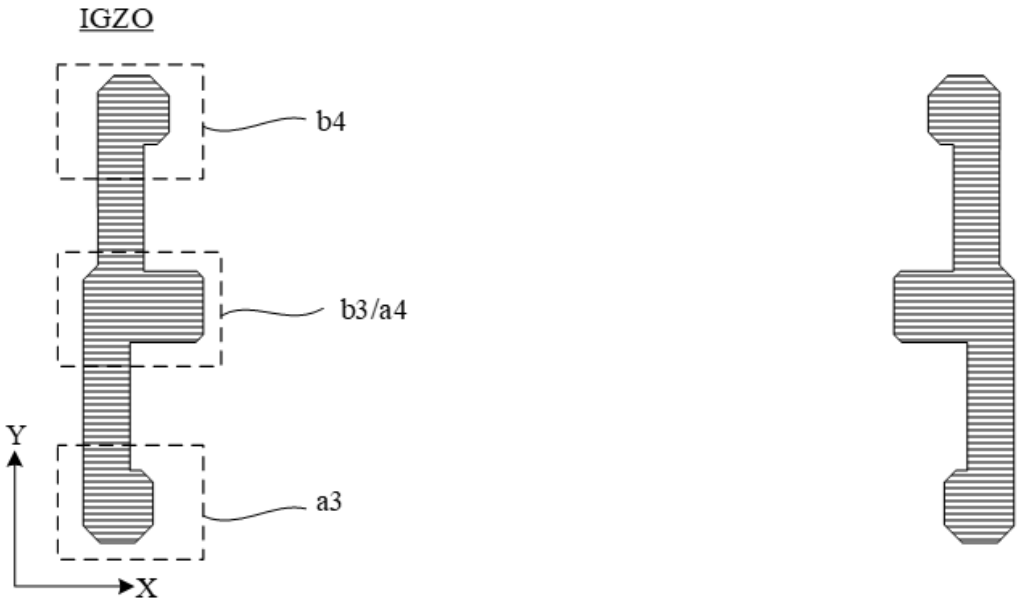


FIG. 26

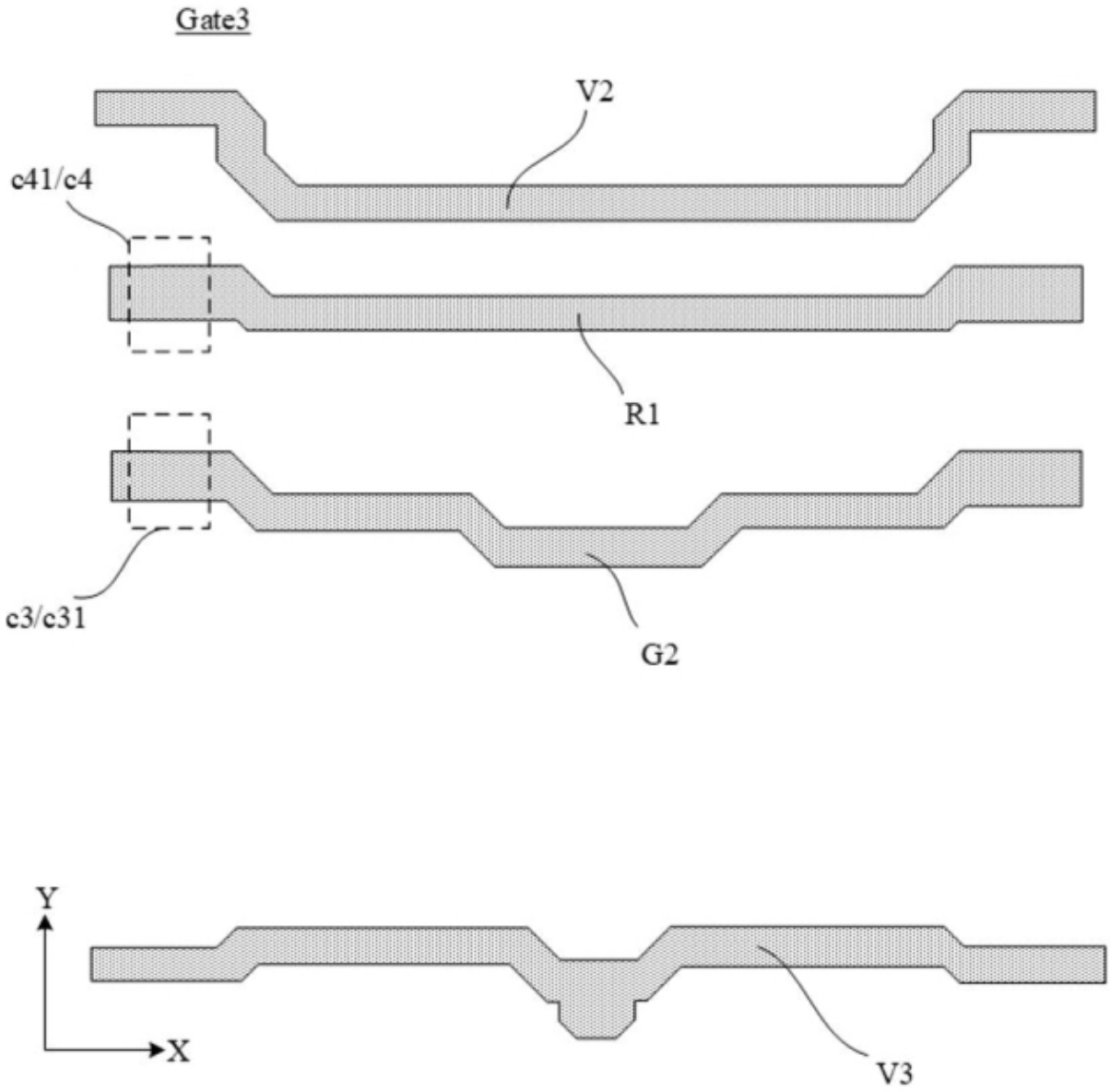


FIG. 27

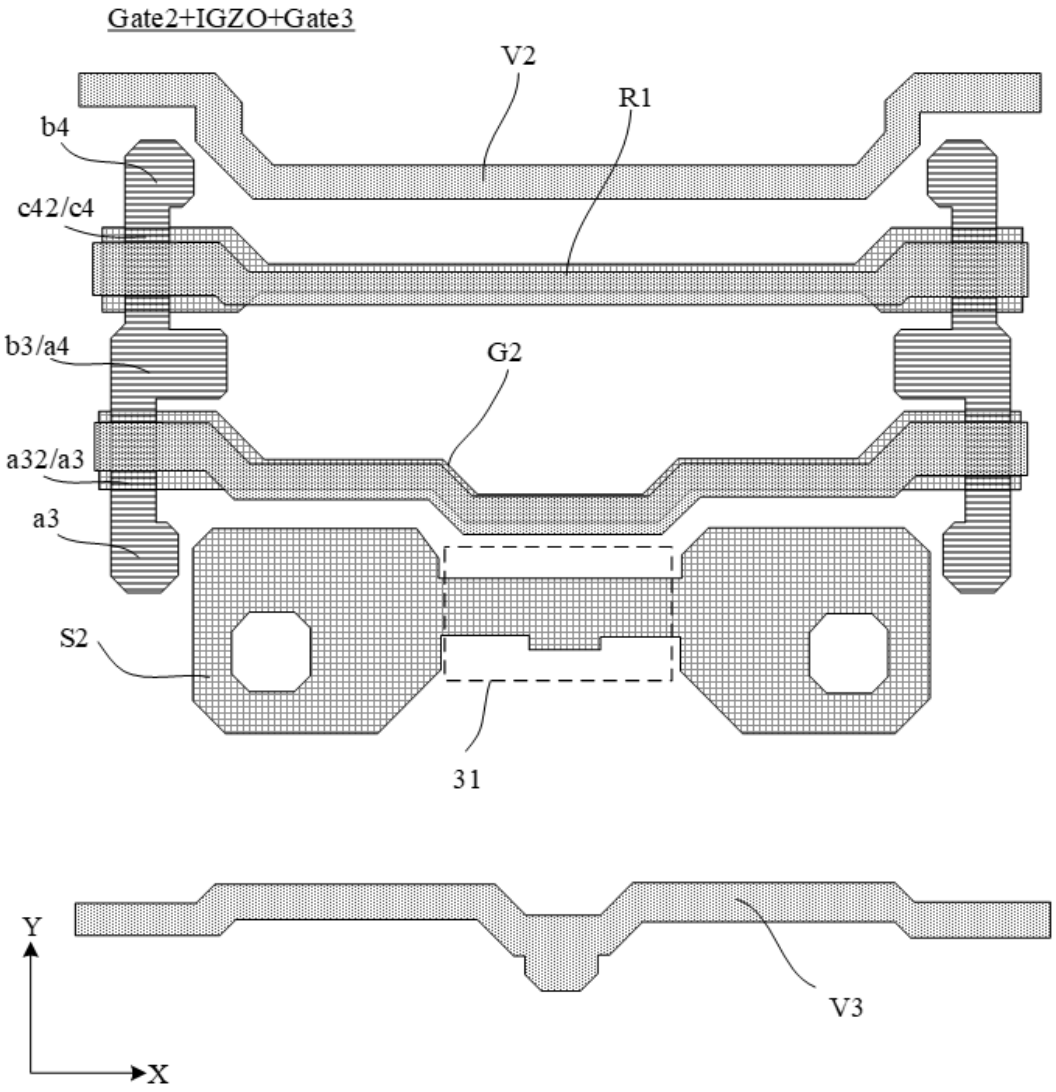


FIG. 28