FIG. 1

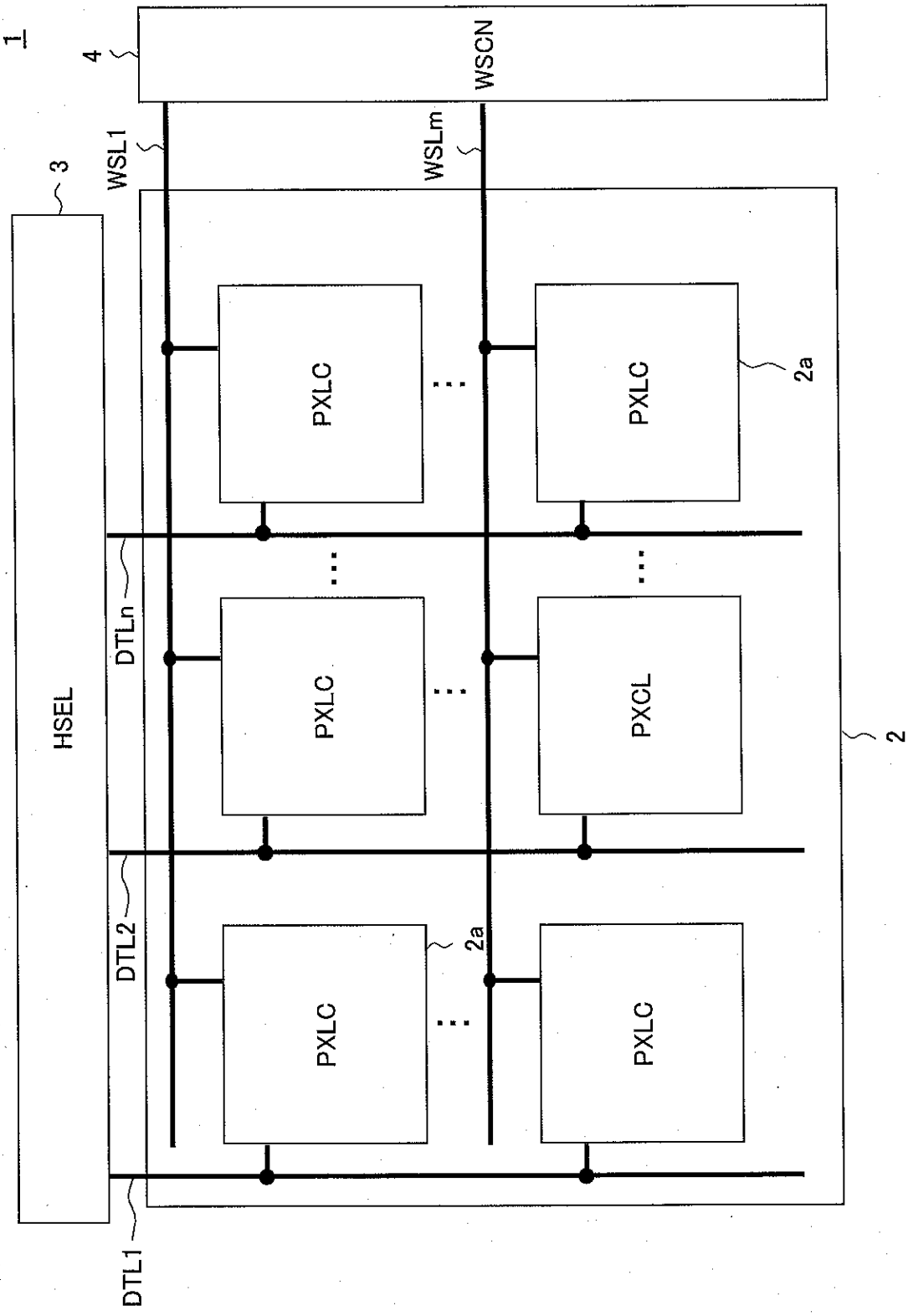


FIG. 2

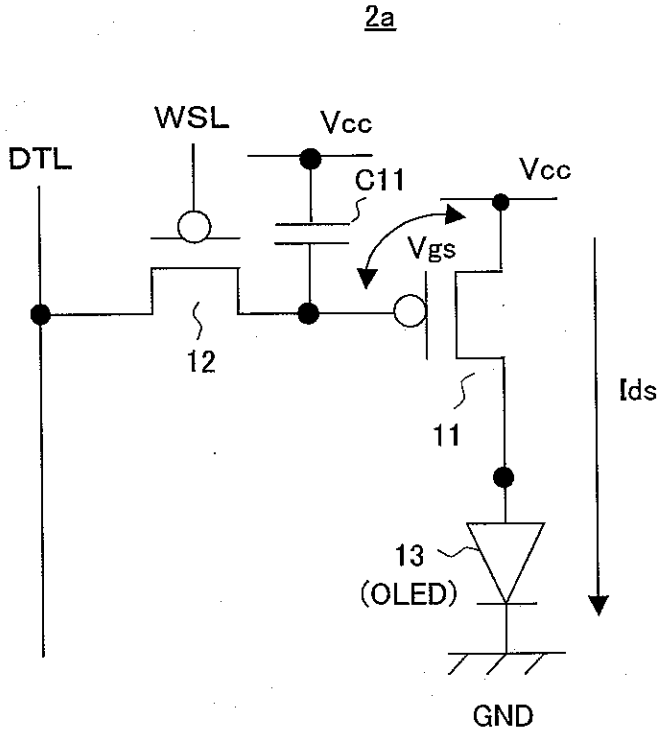


FIG. 3

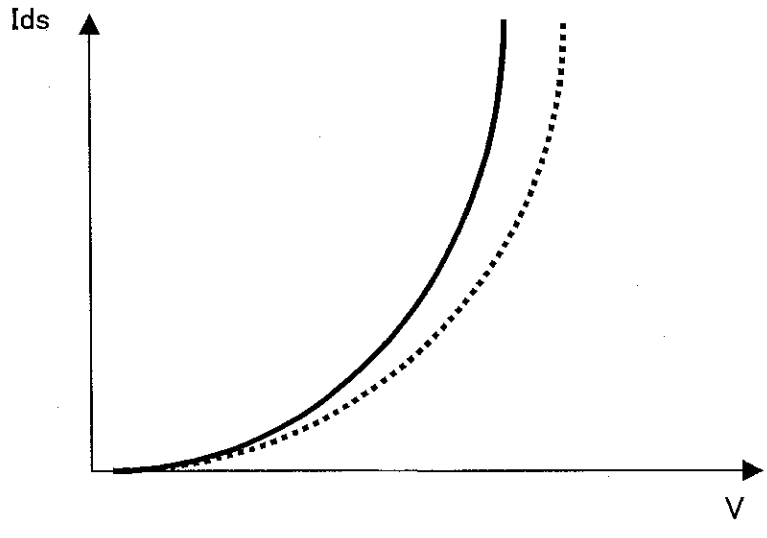


FIG. 4

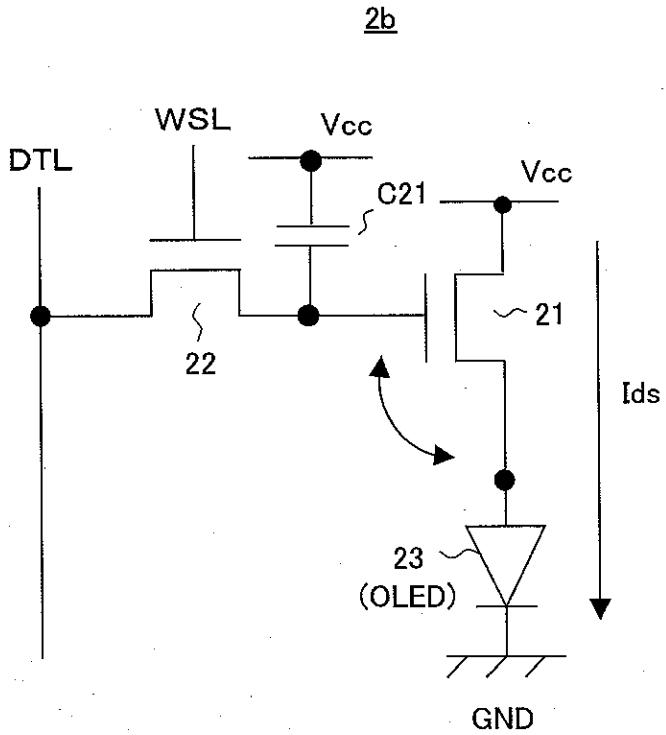


FIG. 5

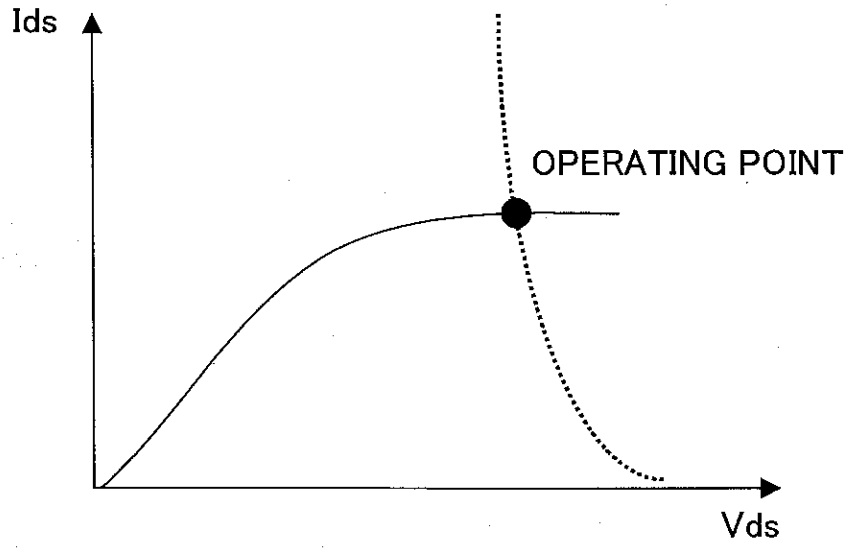


FIG. 6

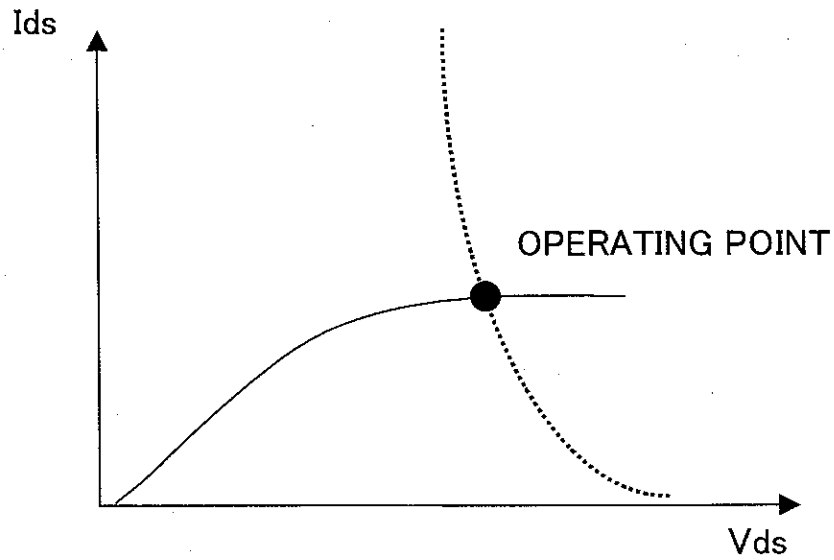


FIG. 7

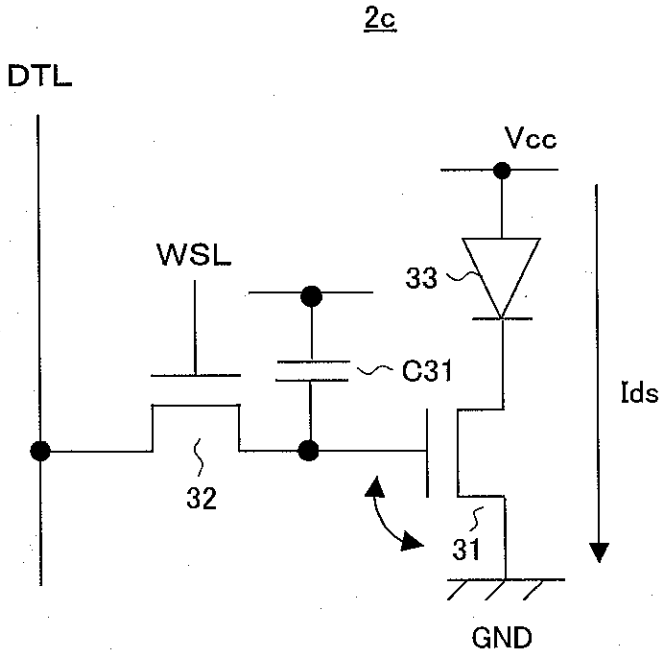


FIG. 8

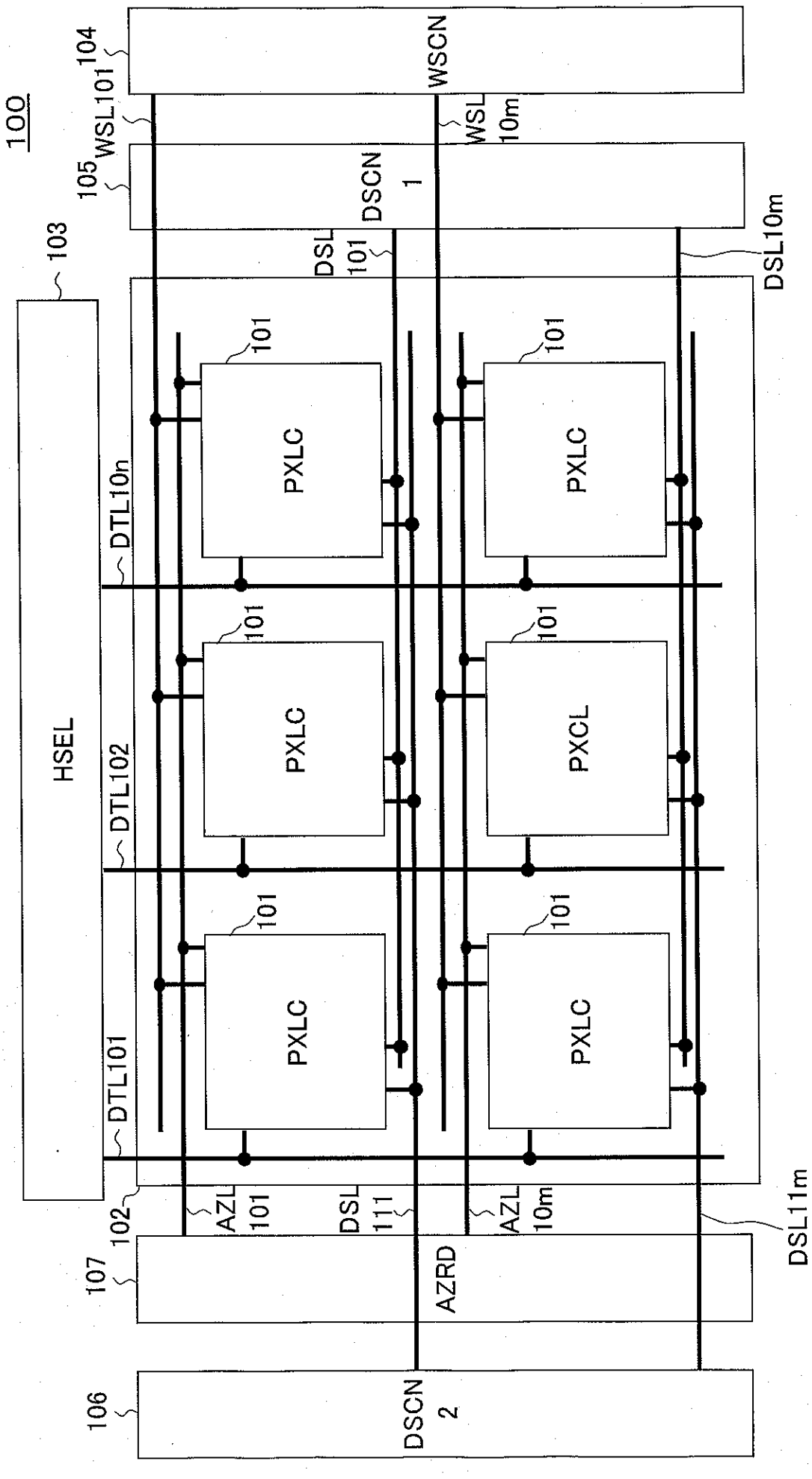
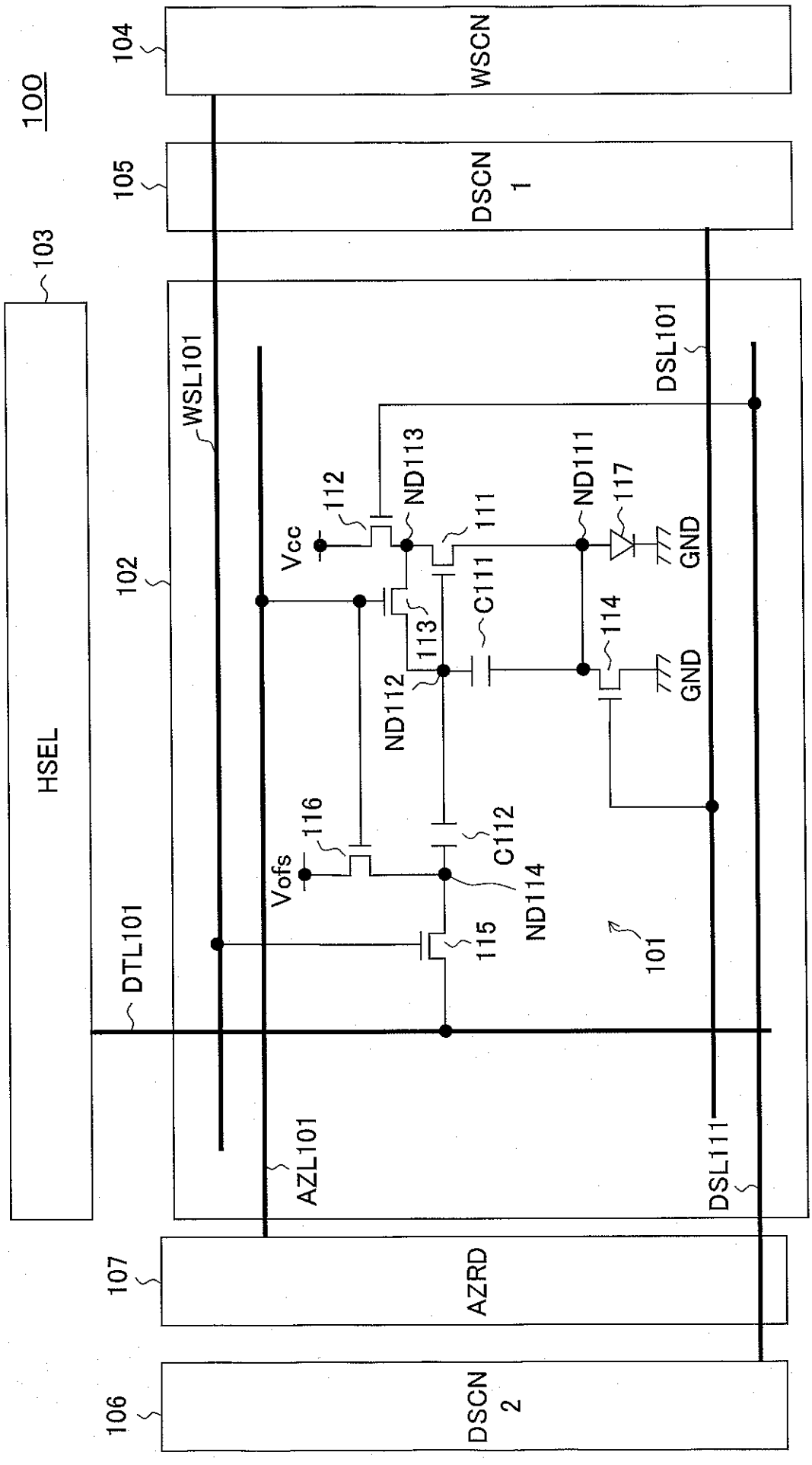

100
104
WSCN
WSL101
WSL10m
105
DSCN 1
DSL101
DSL10m
103
HSEL
DTL10n
DTL102
DTL101
101
PXLC
PXCL
102
AZL101
AZL10m
DSL111
DSL11m
107
AZRD
106
DSCN 2

FIG. 9


100
104
WSCN
105
DSCN 1
103
HSEL
102
WSL101
DSL101
Vcc
112
ND113
111
ND111
117
GND
C111
113
114
ND112
GND
116
Vofs
C112
ND114
DTL101
115
101
AZL101
DSL111
107
AZRD
106
DSCN 2

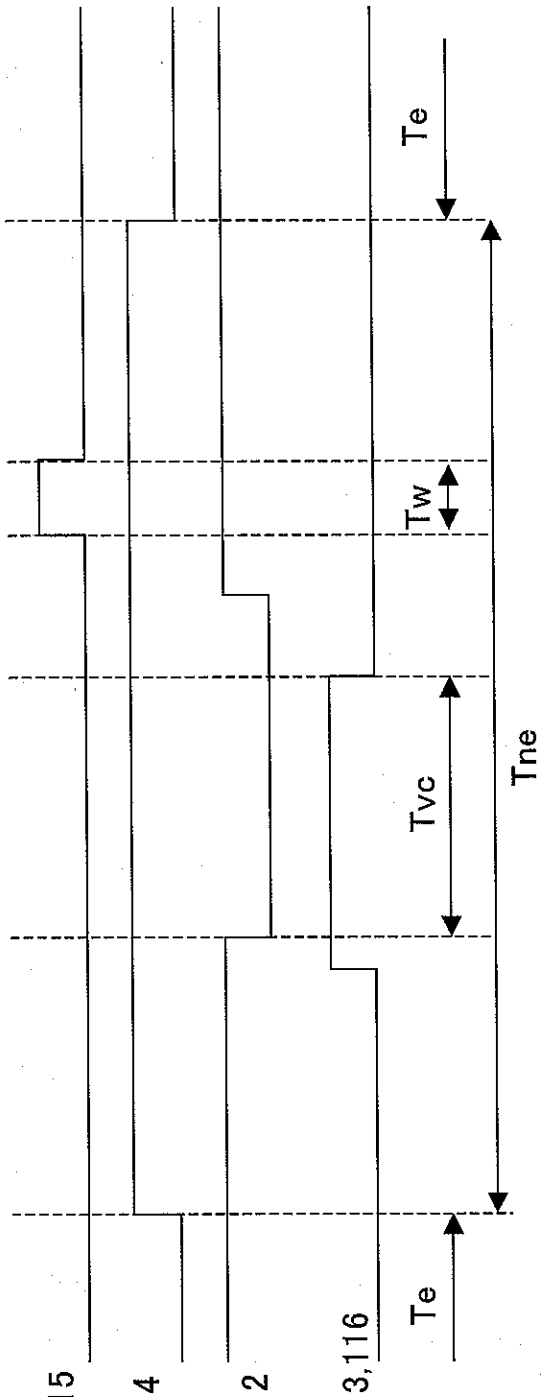


FIG. 10A

FIG. 10B

FIG. 10C

FIG. 10D

FIG. 11A

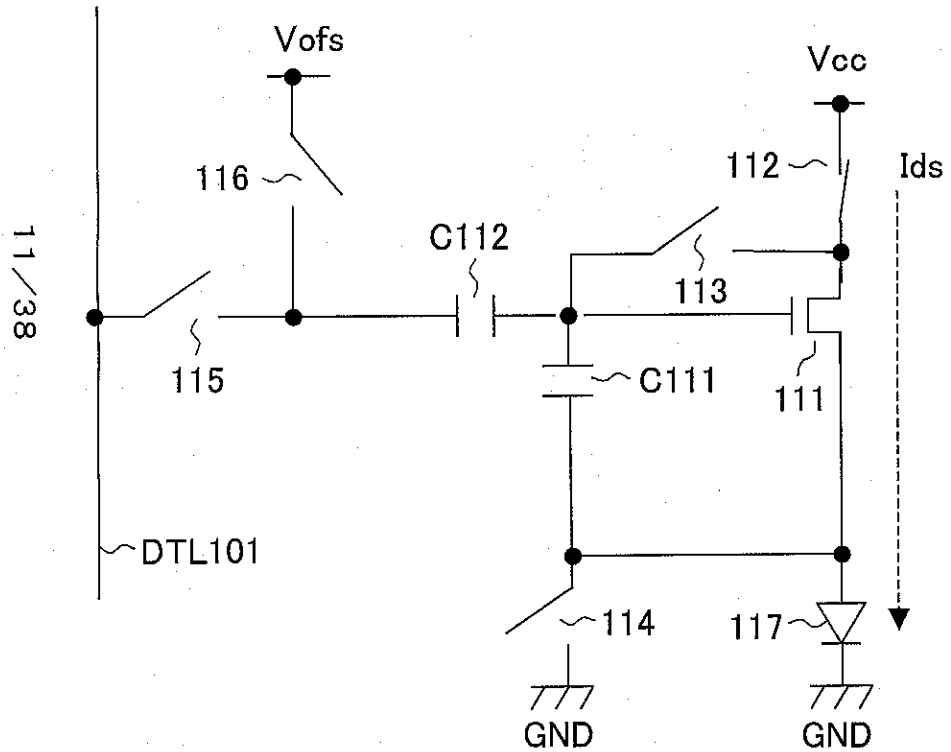


FIG. 11B

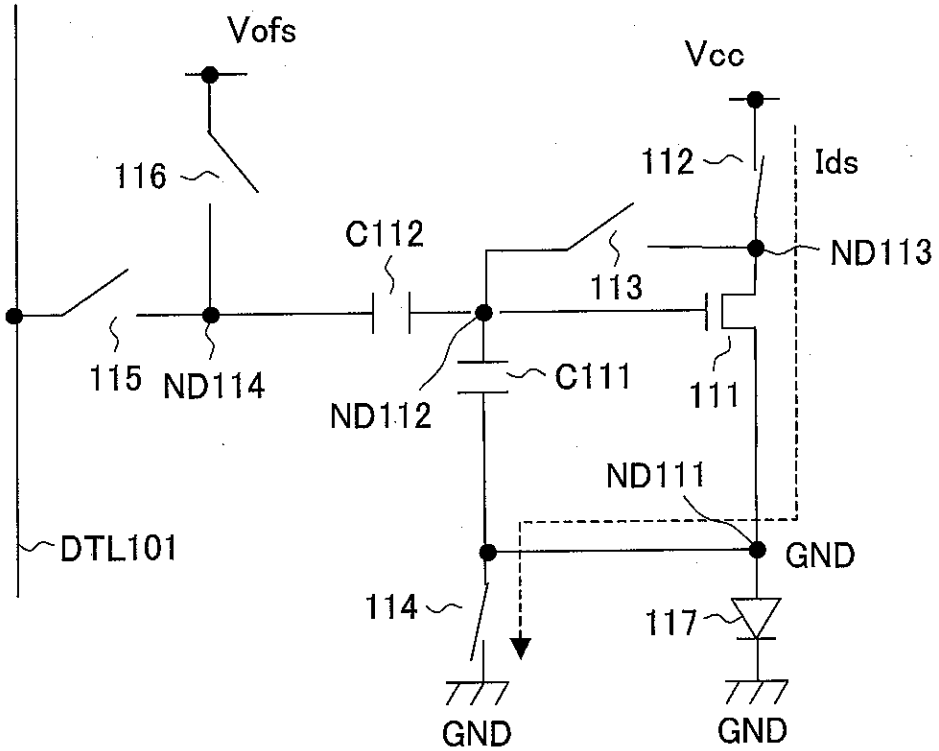


FIG. 12A

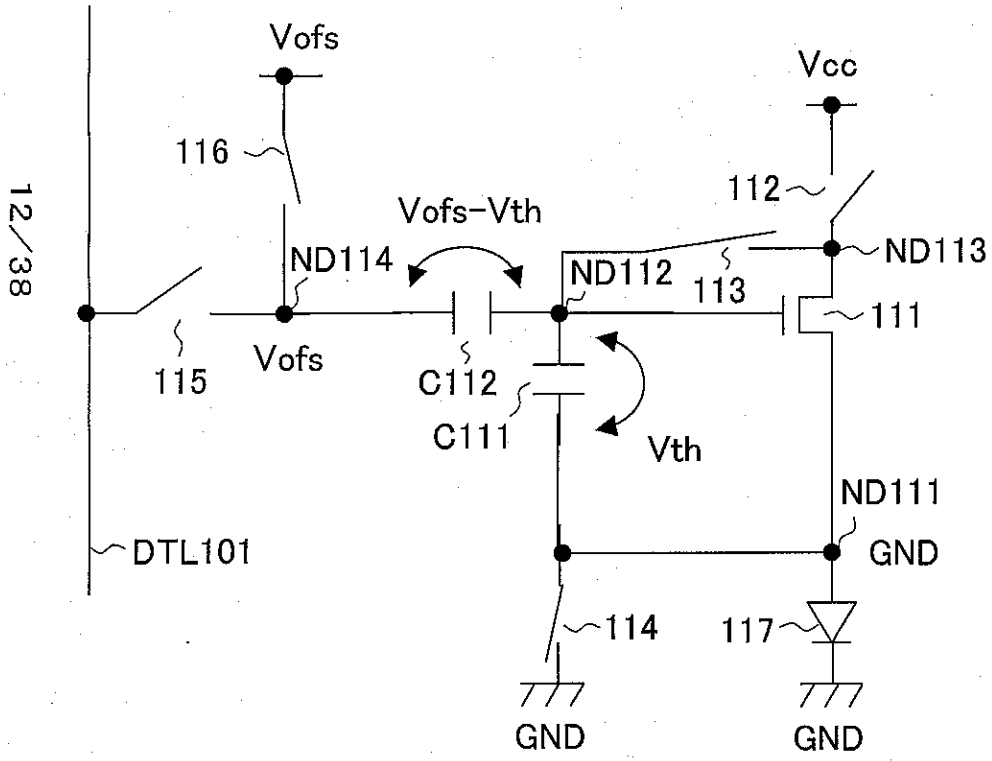


FIG. 12B

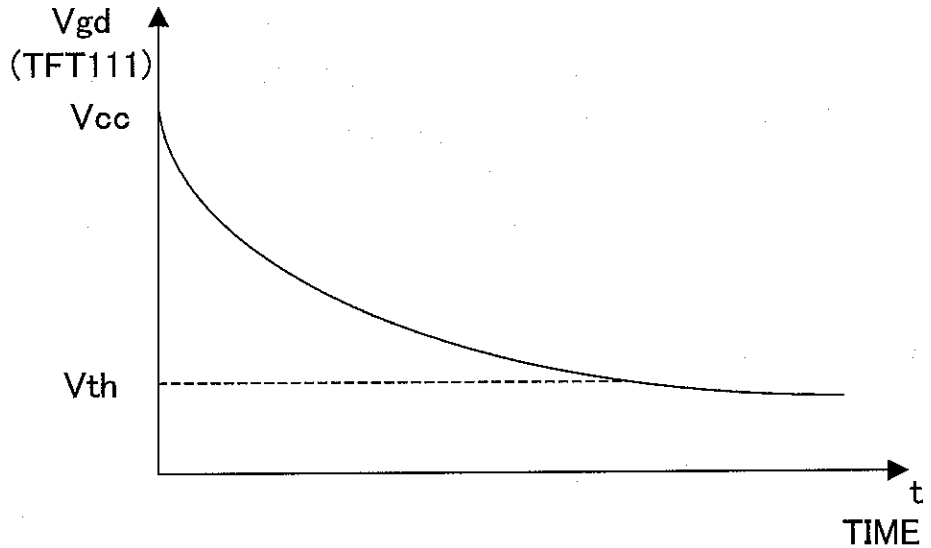


FIG. 13A

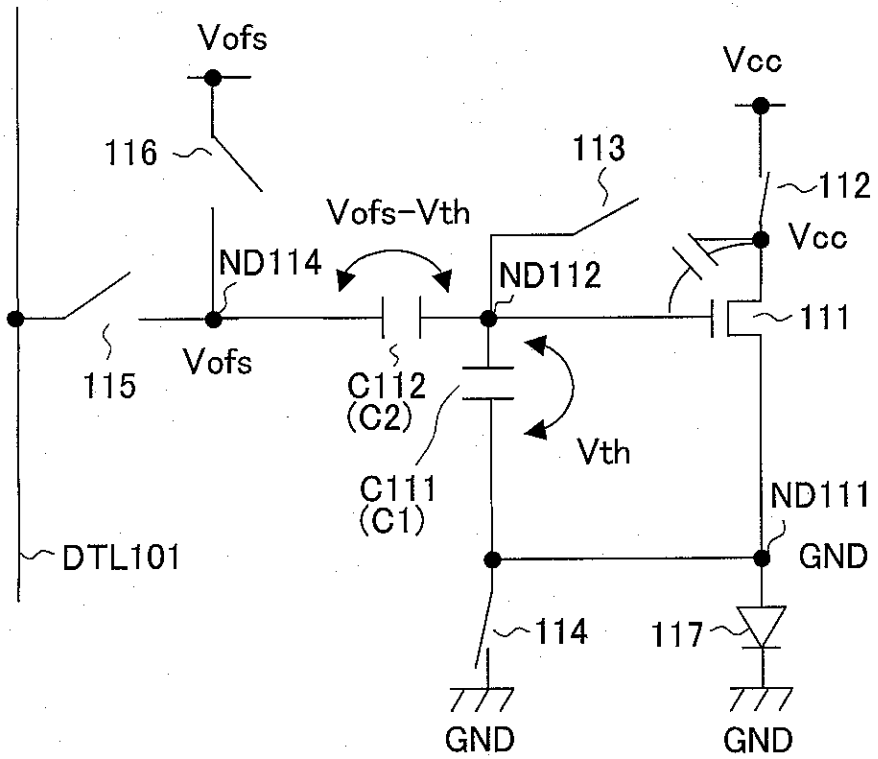


FIG. 13B

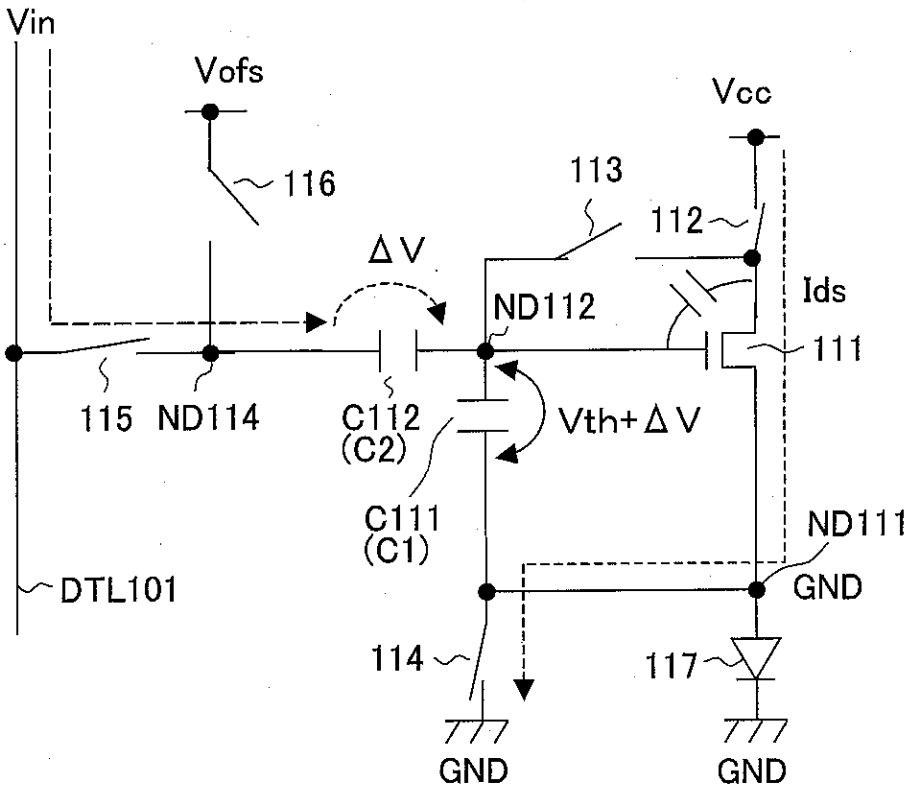


FIG. 14A

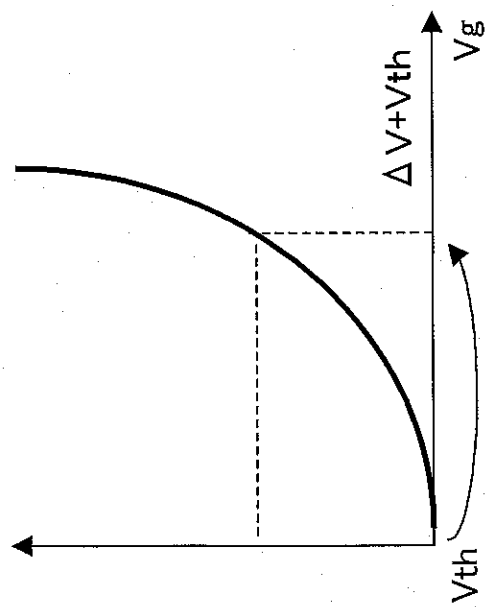


FIG. 14B

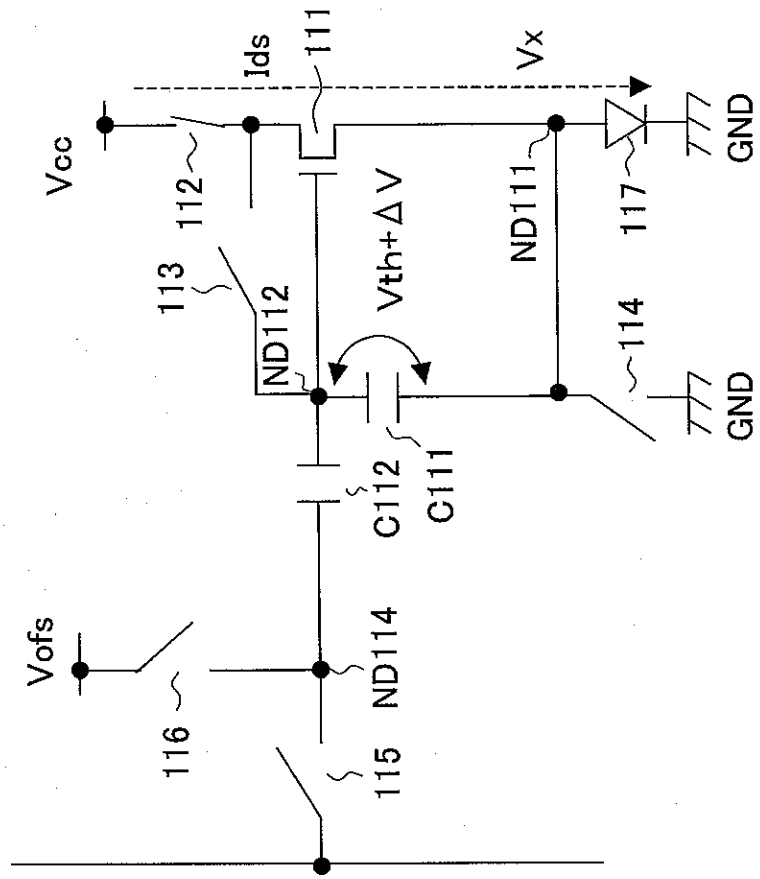


FIG. 15A ws[1]:TFT115

FIG. 15B ds[1]:TFT114

FIG. 15C ds[2]:TFT112

FIG. 15D az[1]:TFT113,116

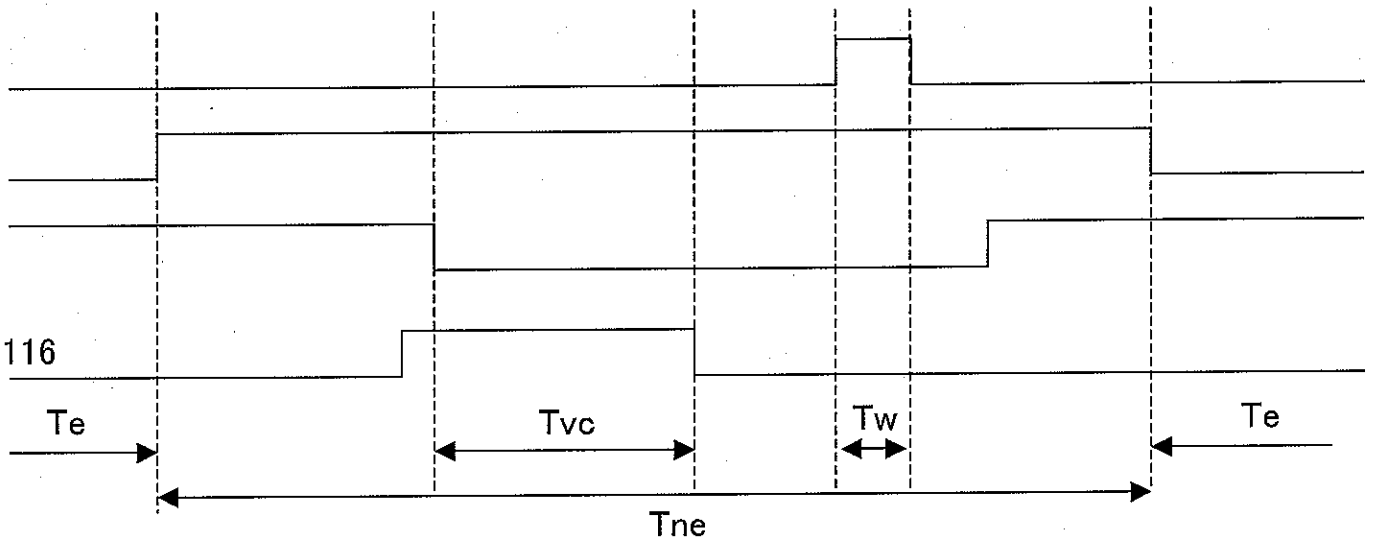


FIG. 16A

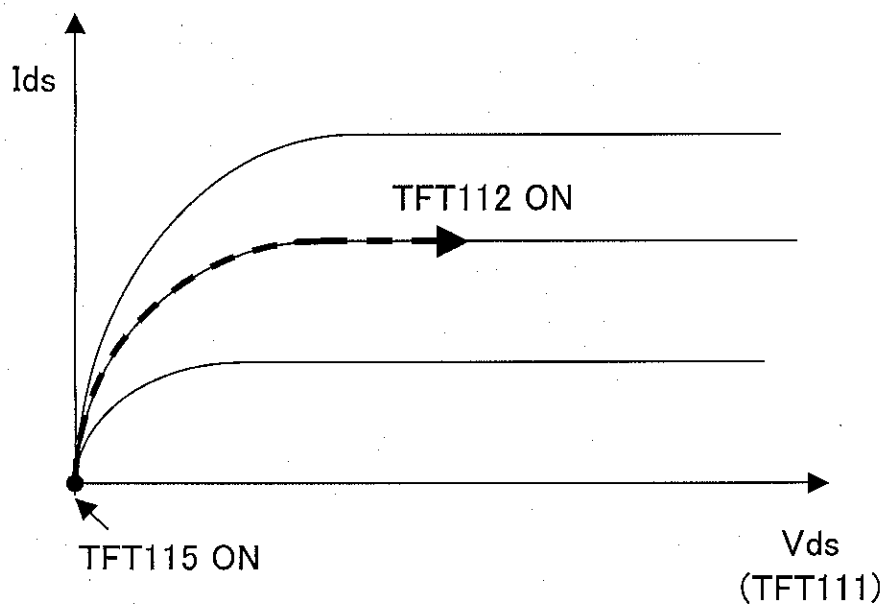


FIG. 16B

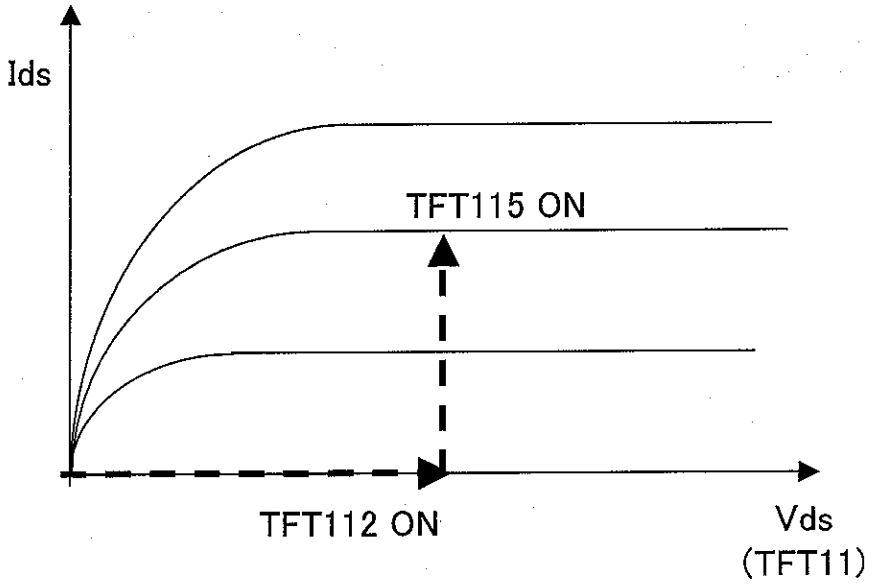


FIG. 17A ws[1]:TFT115

FIG. 17B ds[1]:TFT114

FIG. 17C ds[2]:TFT112

FIG. 17D az[1]:TFT113,116

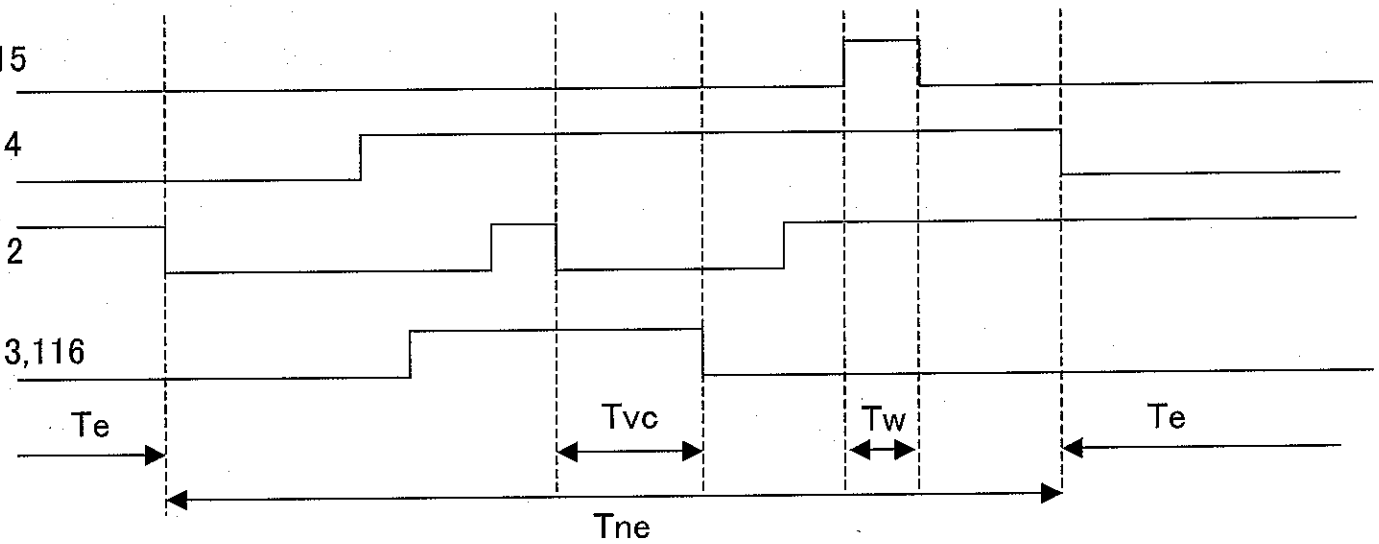


FIG. 18A

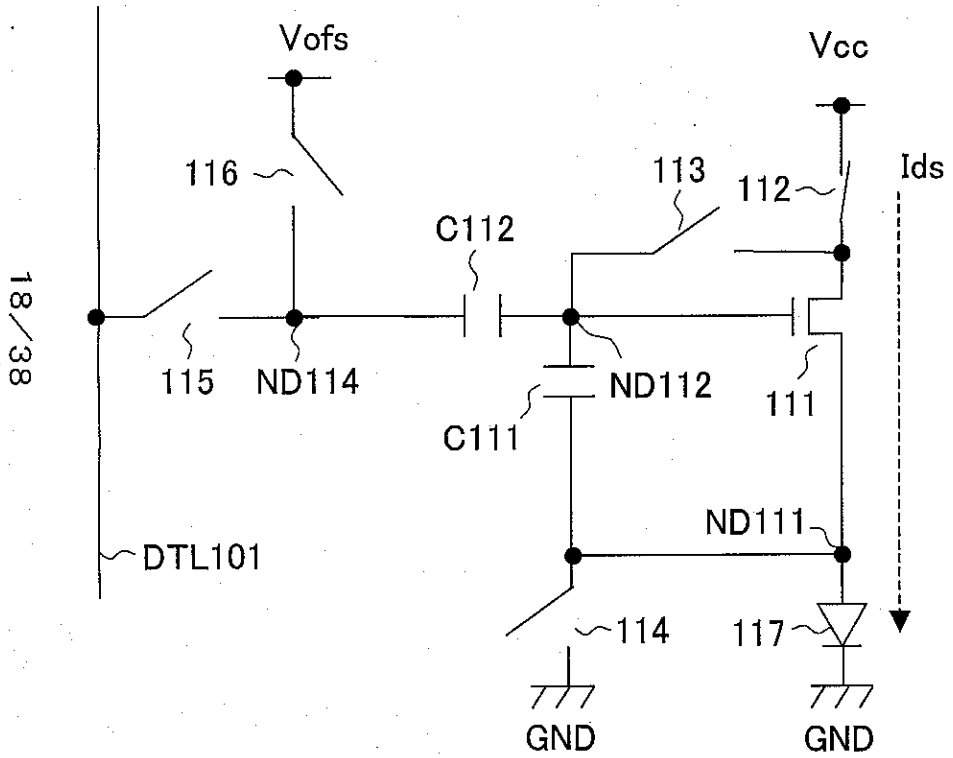


FIG. 18B

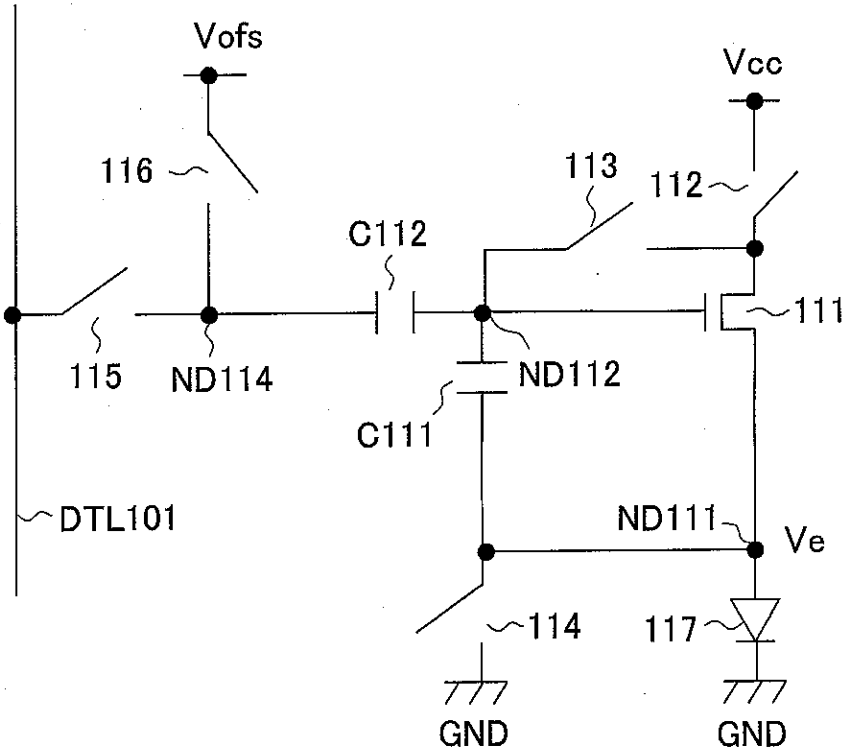


FIG. 19A

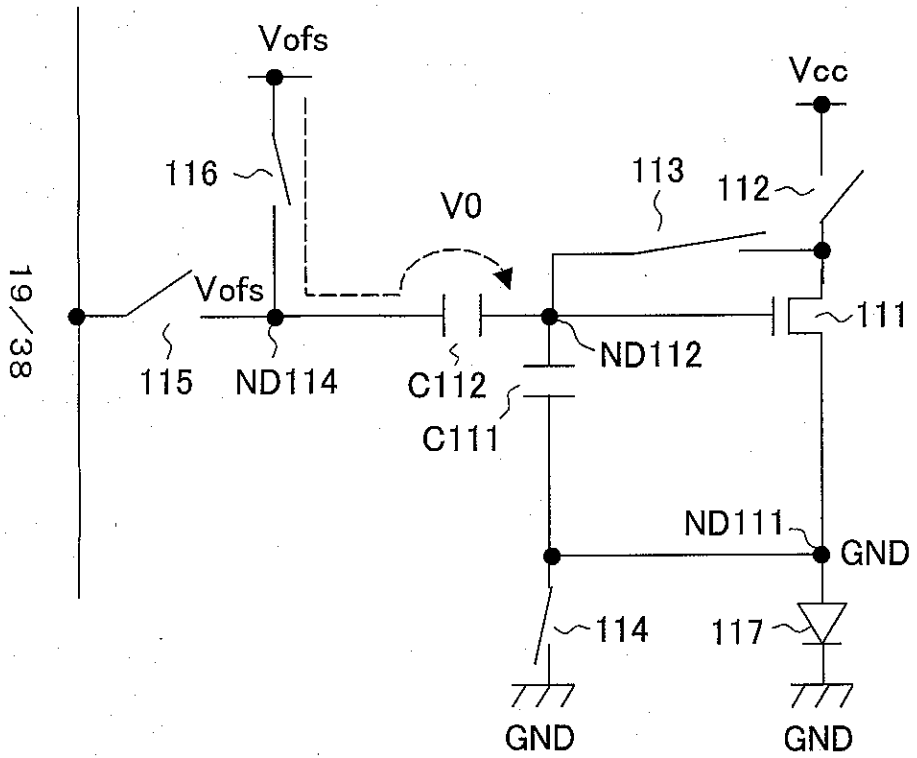


FIG. 19B

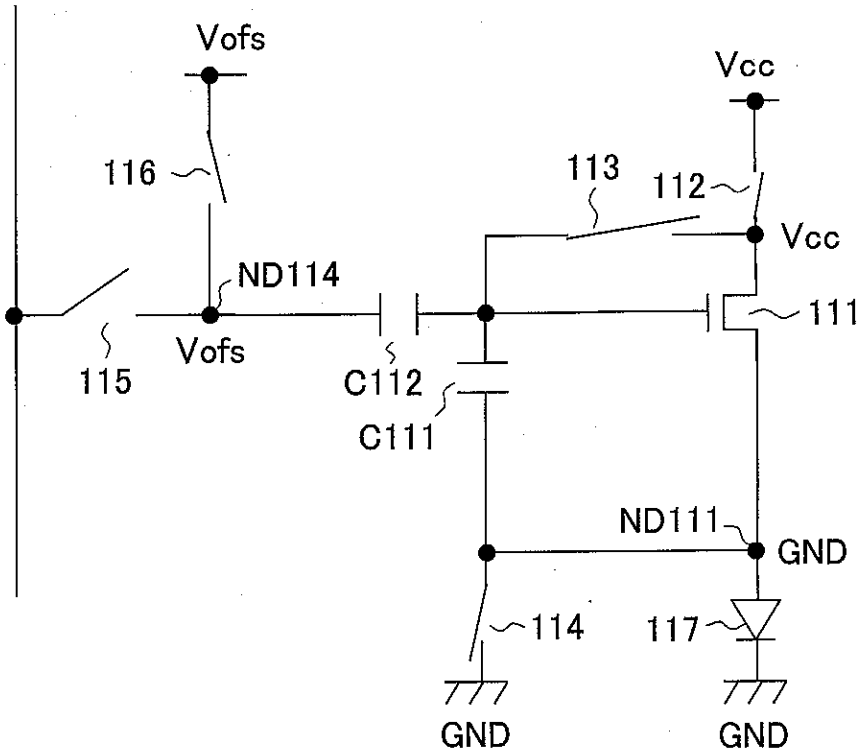


FIG. 20A

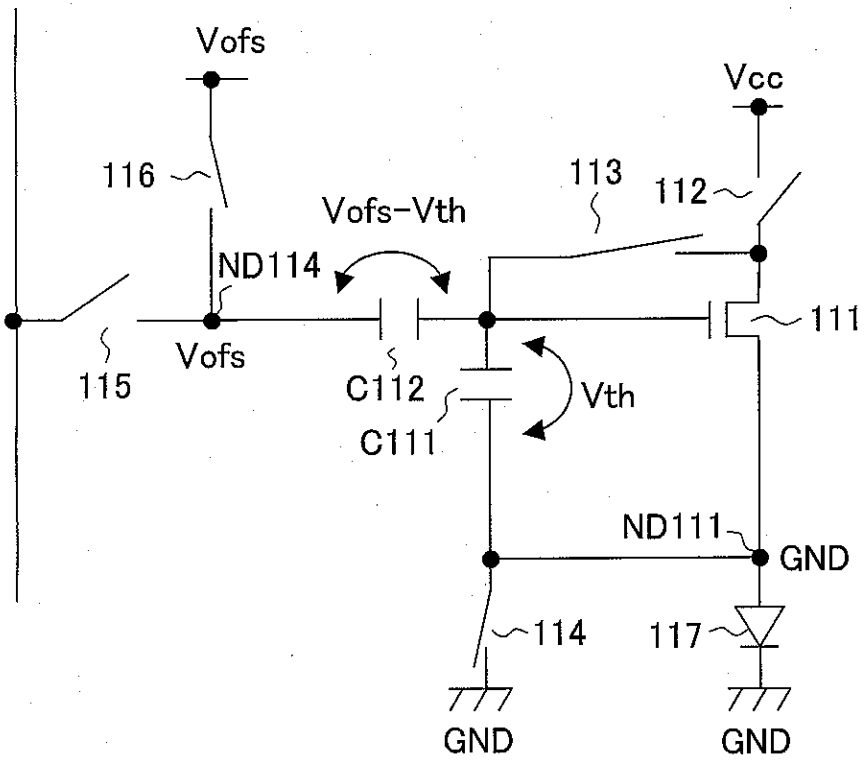


FIG. 20B

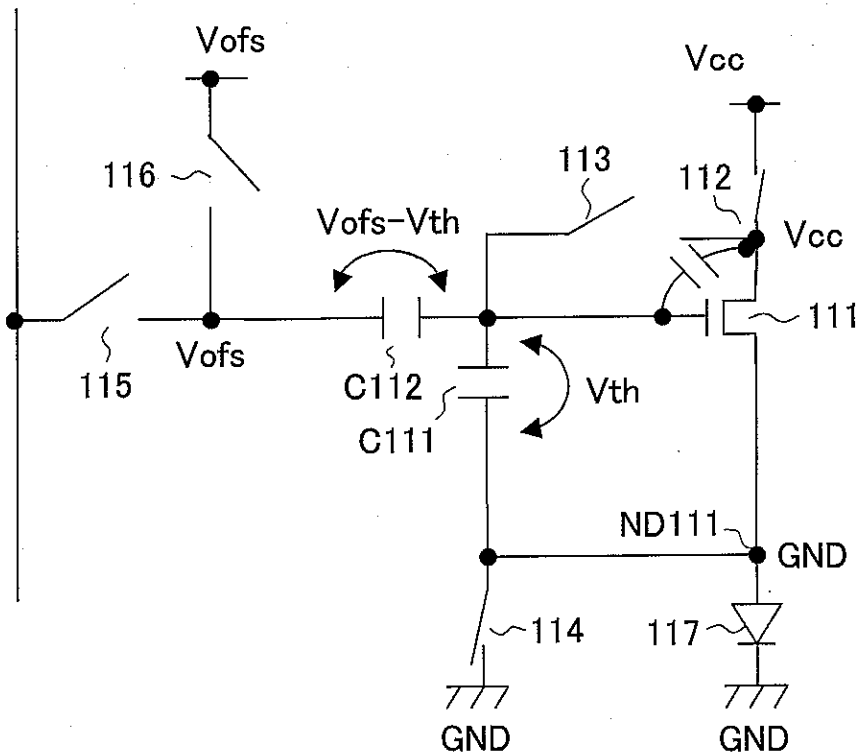


FIG. 21A

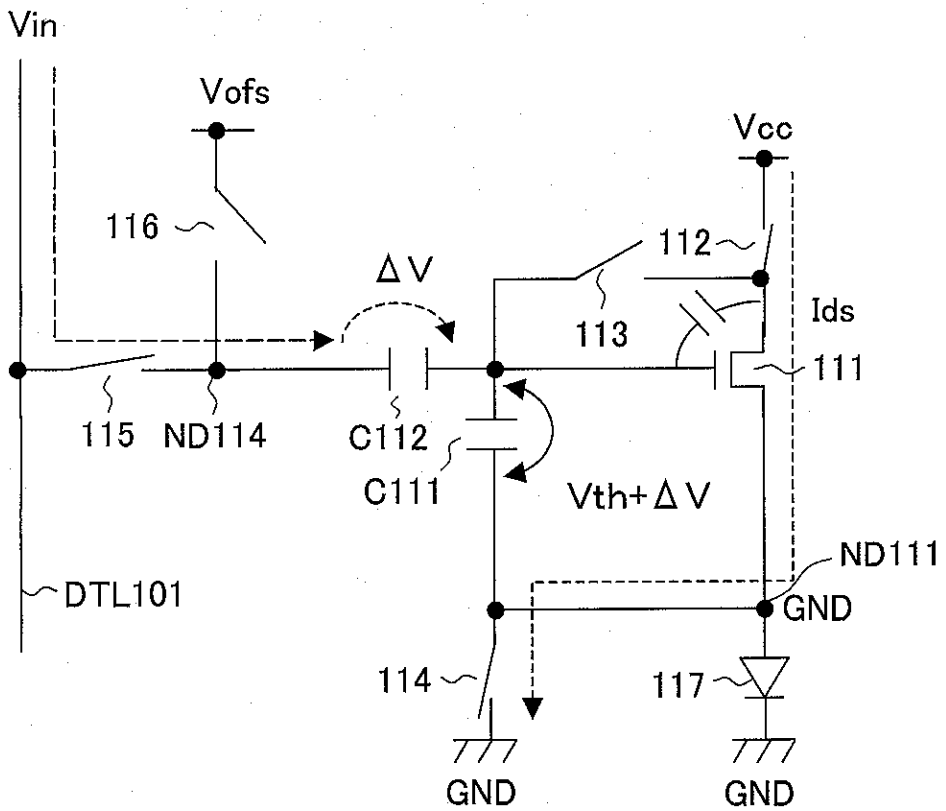


FIG. 21B

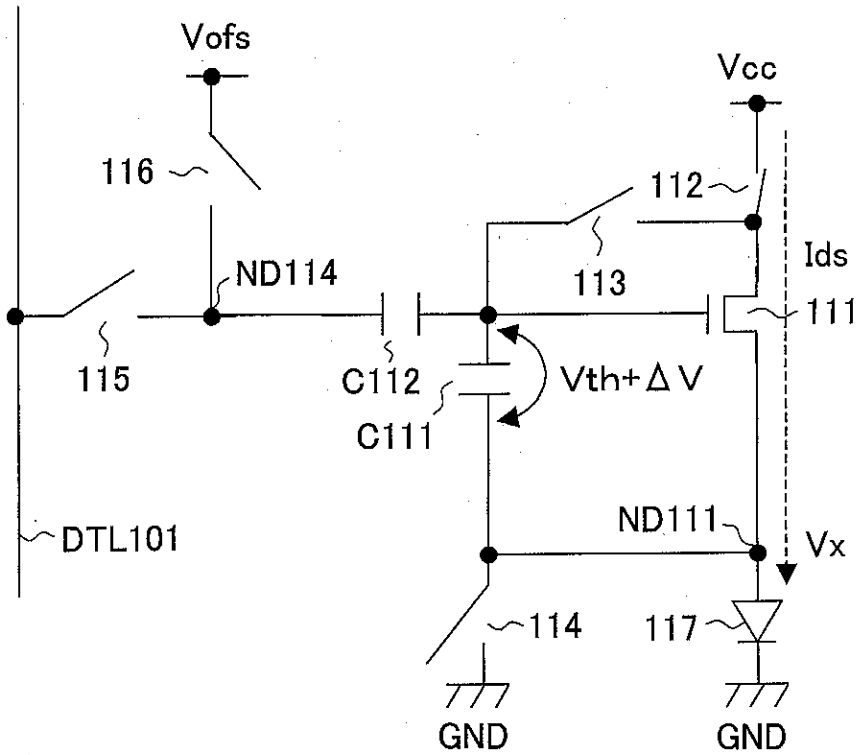


FIG. 22A ws[1]:TFT115

FIG. 22B ds[1]:TFT114

FIG. 22C ds[2]:TFT112

FIG. 22D az[1]:TFT113,116

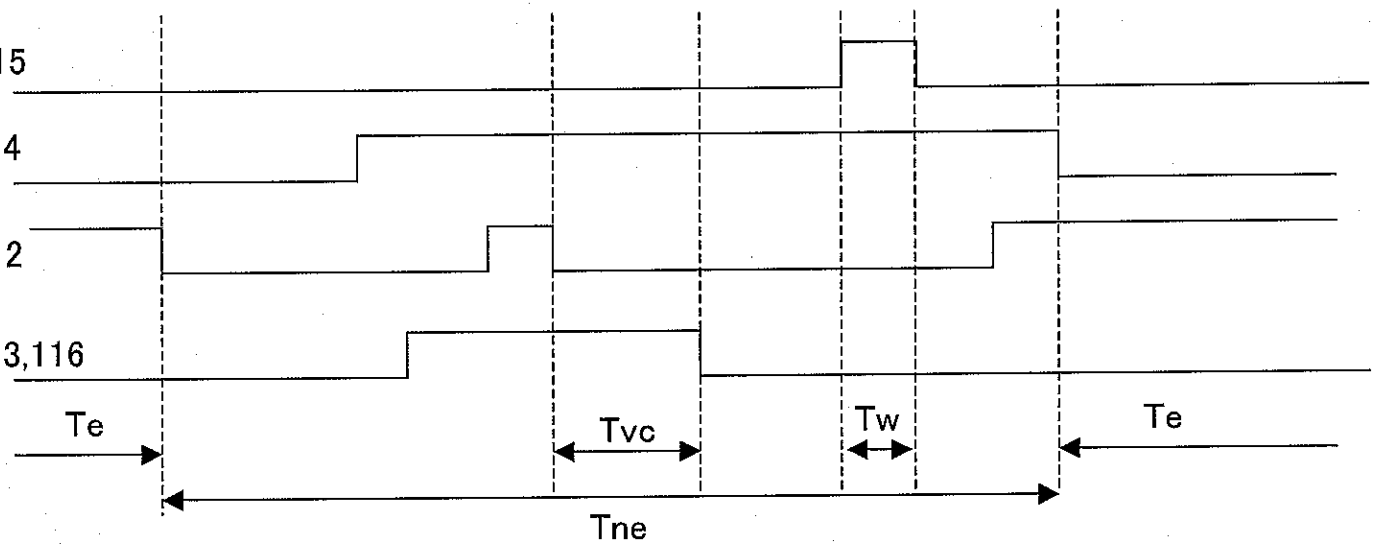


FIG. 23

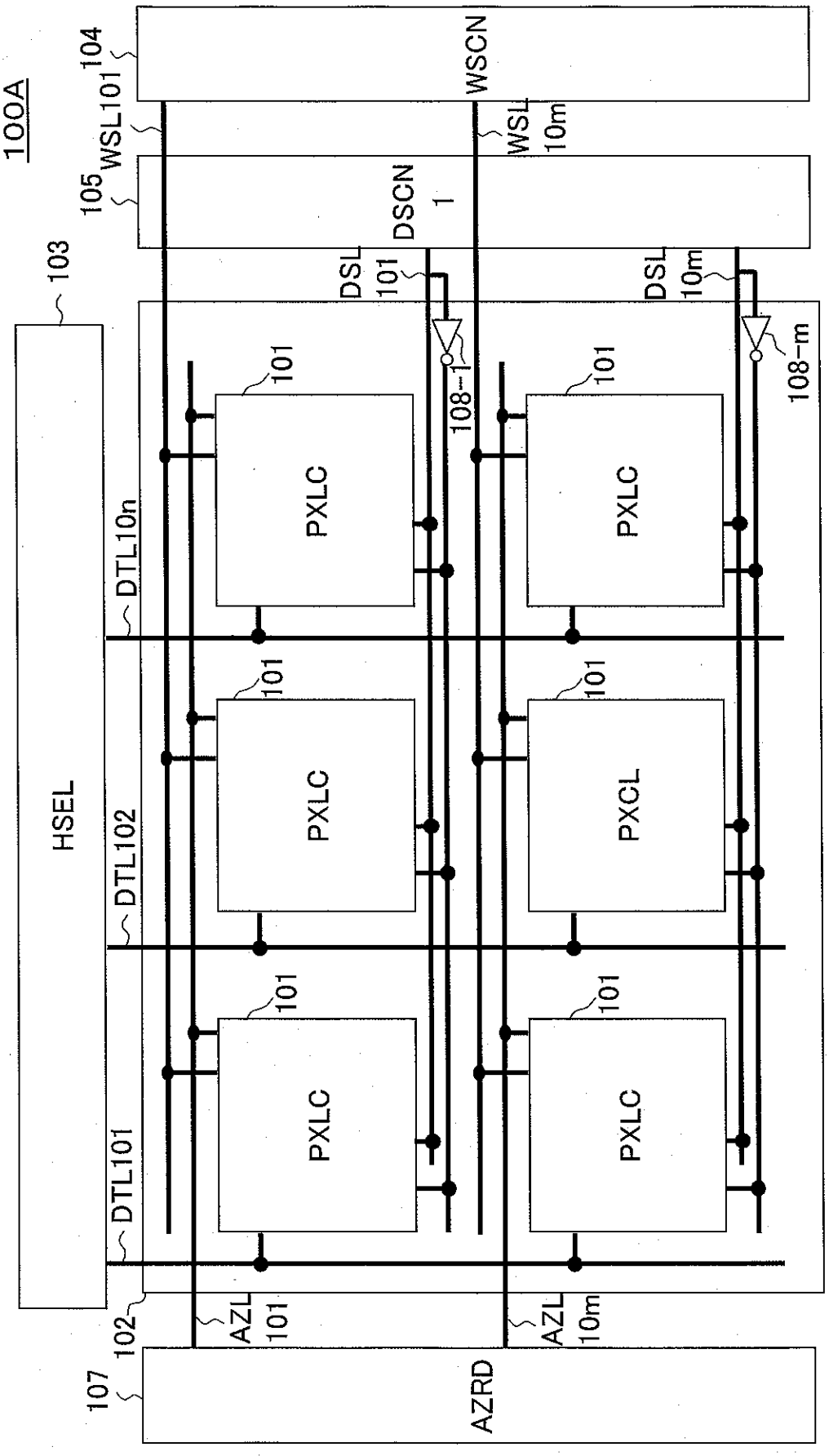

100A
104
WSL101
WSCN
WSL 10m
105
DSCN 1
103
DSL 101
DSL 10m
108-1
108-m
101
PXLC
PXCL
HSEL
DTL10n
DTL102
DTL101
102
AZL 101
AZL 10m
107
AZRD

FIG. 24

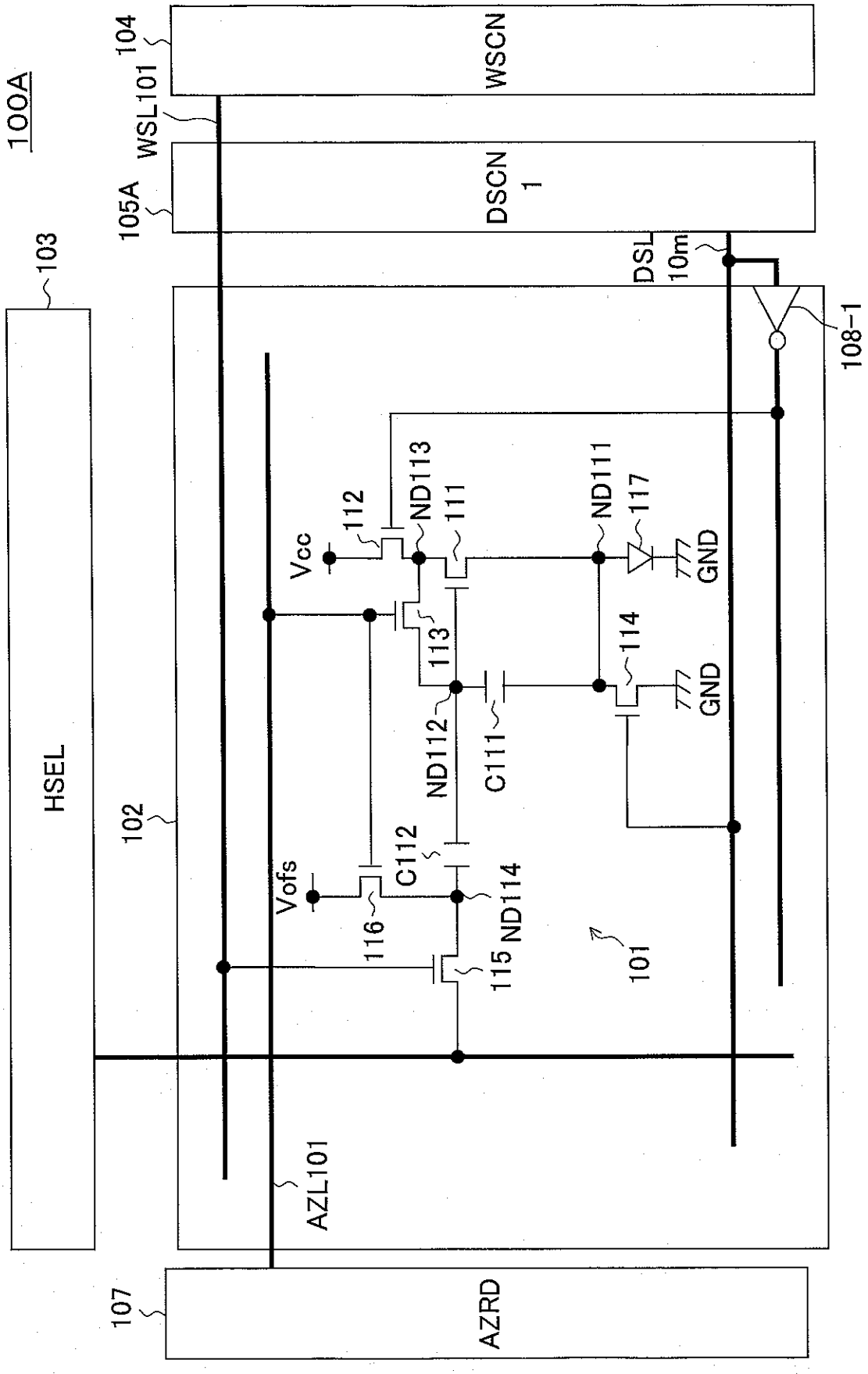

100A
104
WSL101
WSCN
105A
DSCN
1
103
DSL
10m
108-1
HSEL
102
Vcc
112
ND113
111
ND111
117
GND
113
114
GND
ND112
C111
C112
Vofs
116
115
ND114
101
AZL101
107
AZRD

FIG. 25A

FIG. 25B

FIG. 25C

FIG. 25D

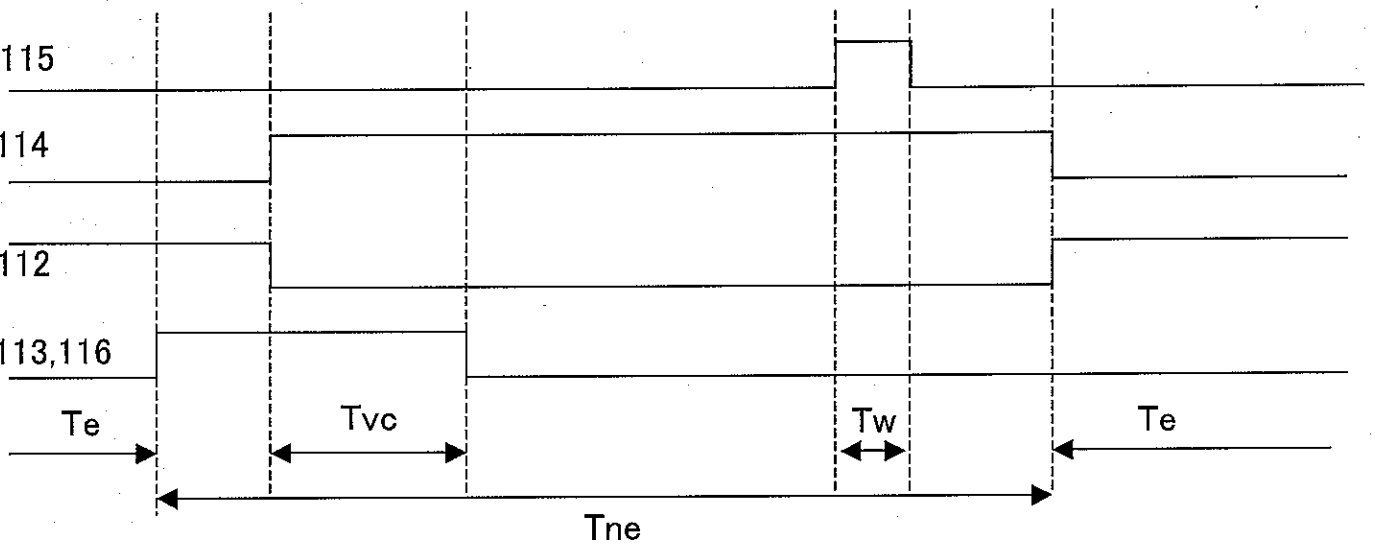


FIG. 26A

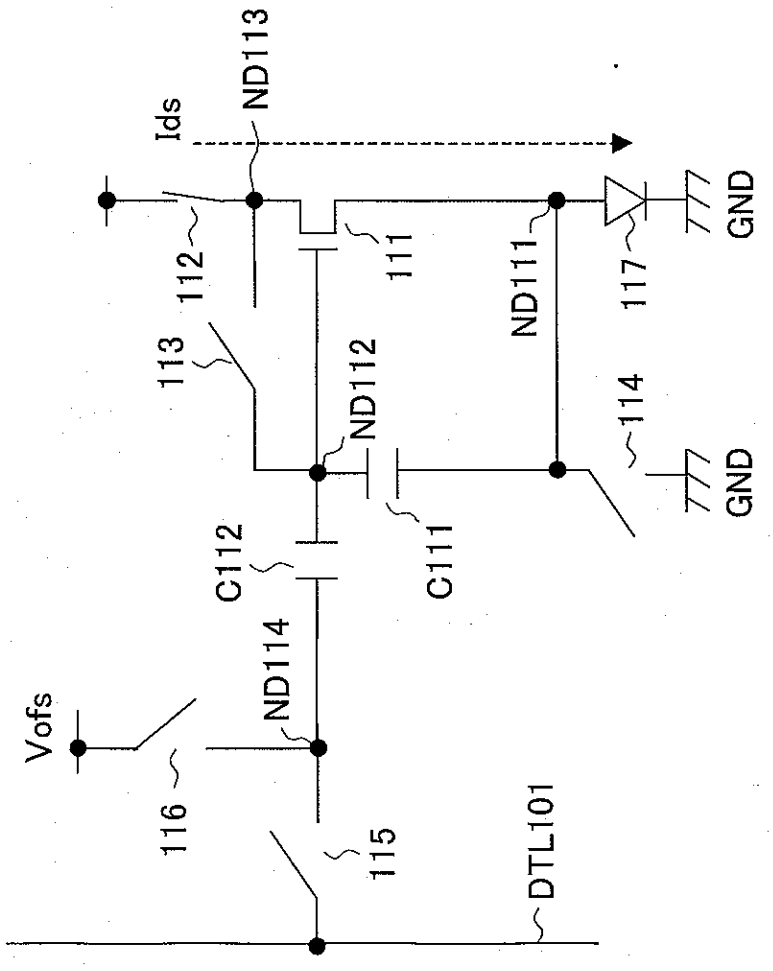


FIG. 26B

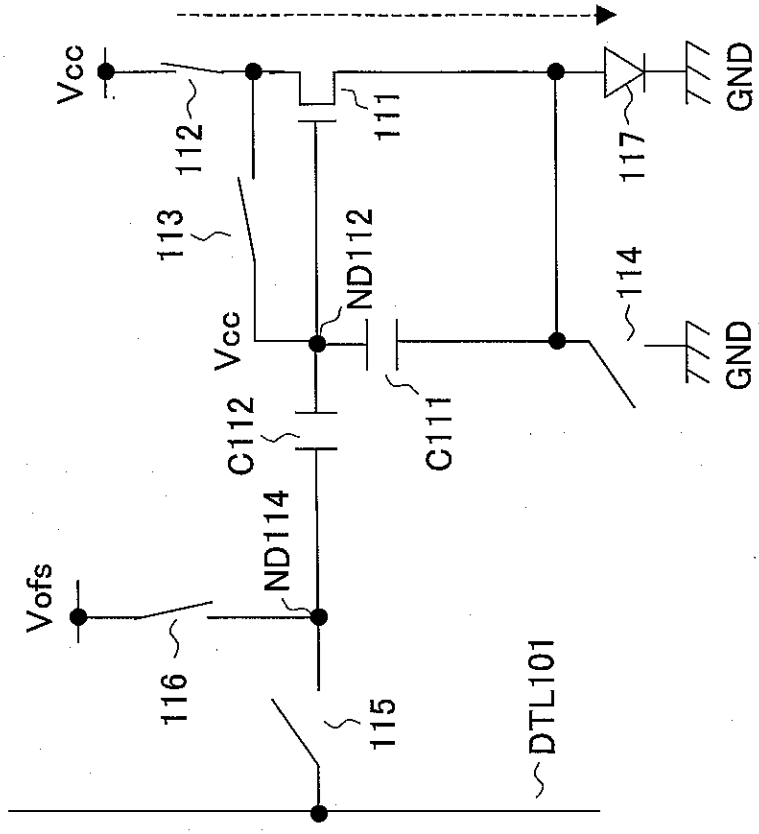


FIG. 27A

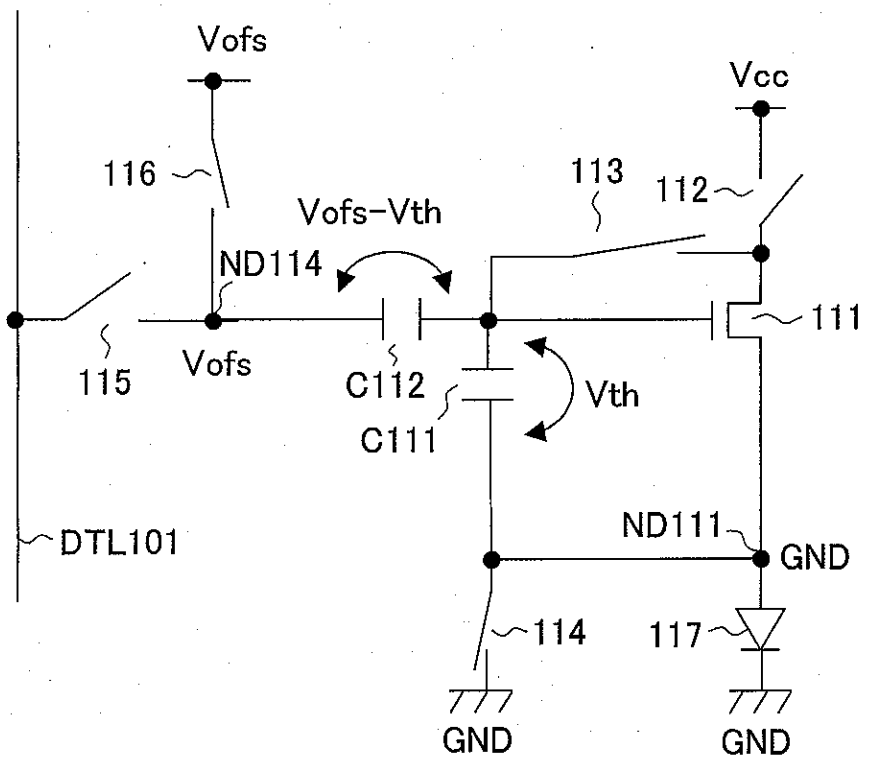


FIG. 27B

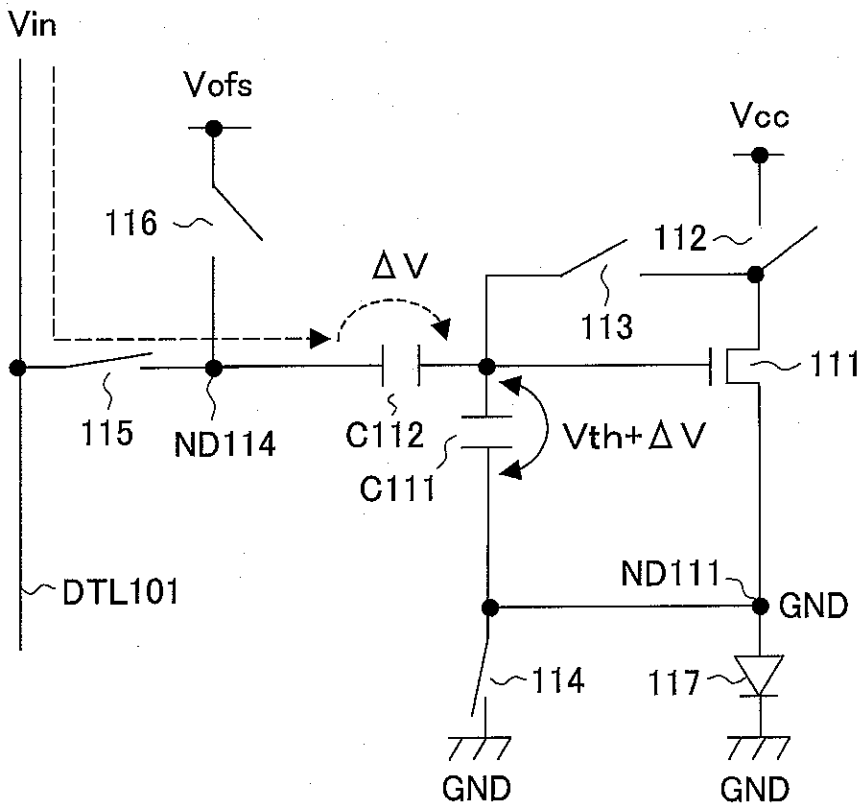


FIG. 28

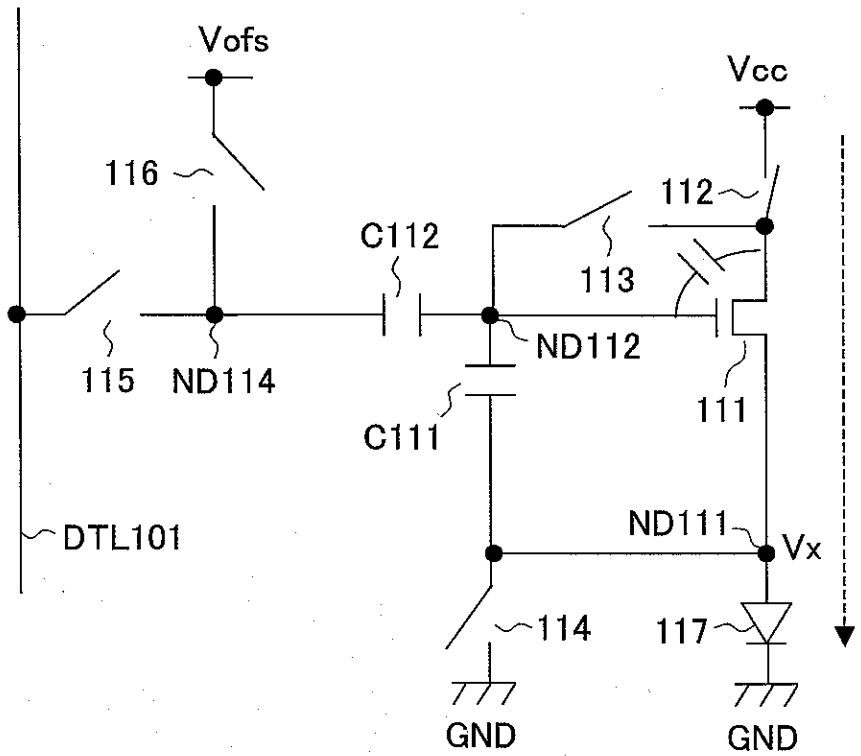

Vofs
Vcc
116
112
C112
113
115
ND114
ND112
111
C111
DTL101
ND111
Vx
114
117
GND
GND

FIG. 29

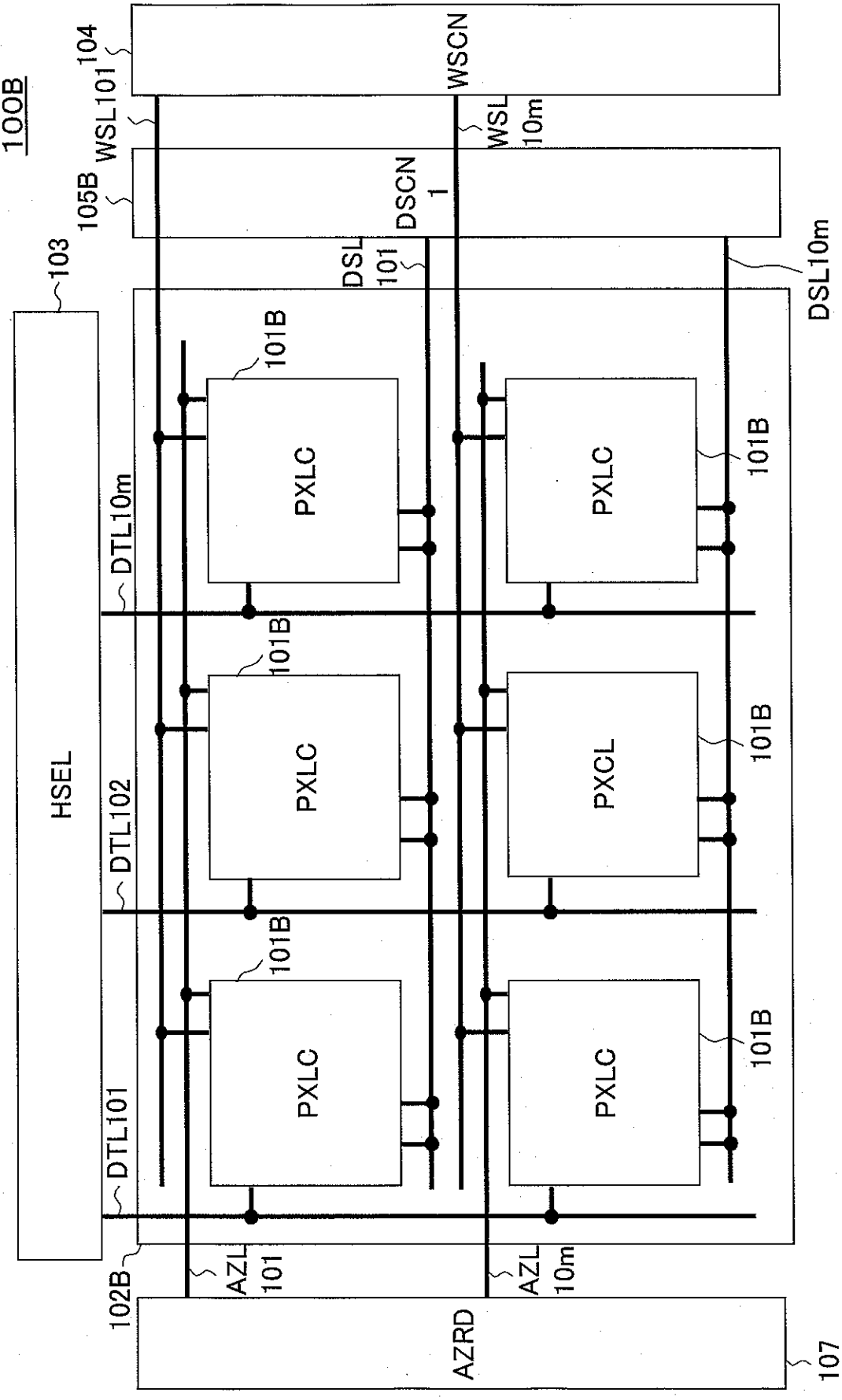

100B
104
WSL101
WSCN
WSL10m
105B
DSCN1
DSL101
DSL10m
103
HSEL
DTL10m
DTL102
DTL101
101B
PXLC
PXCL
AZL101
AZL10m
102B
AZRD
107

FIG. 30

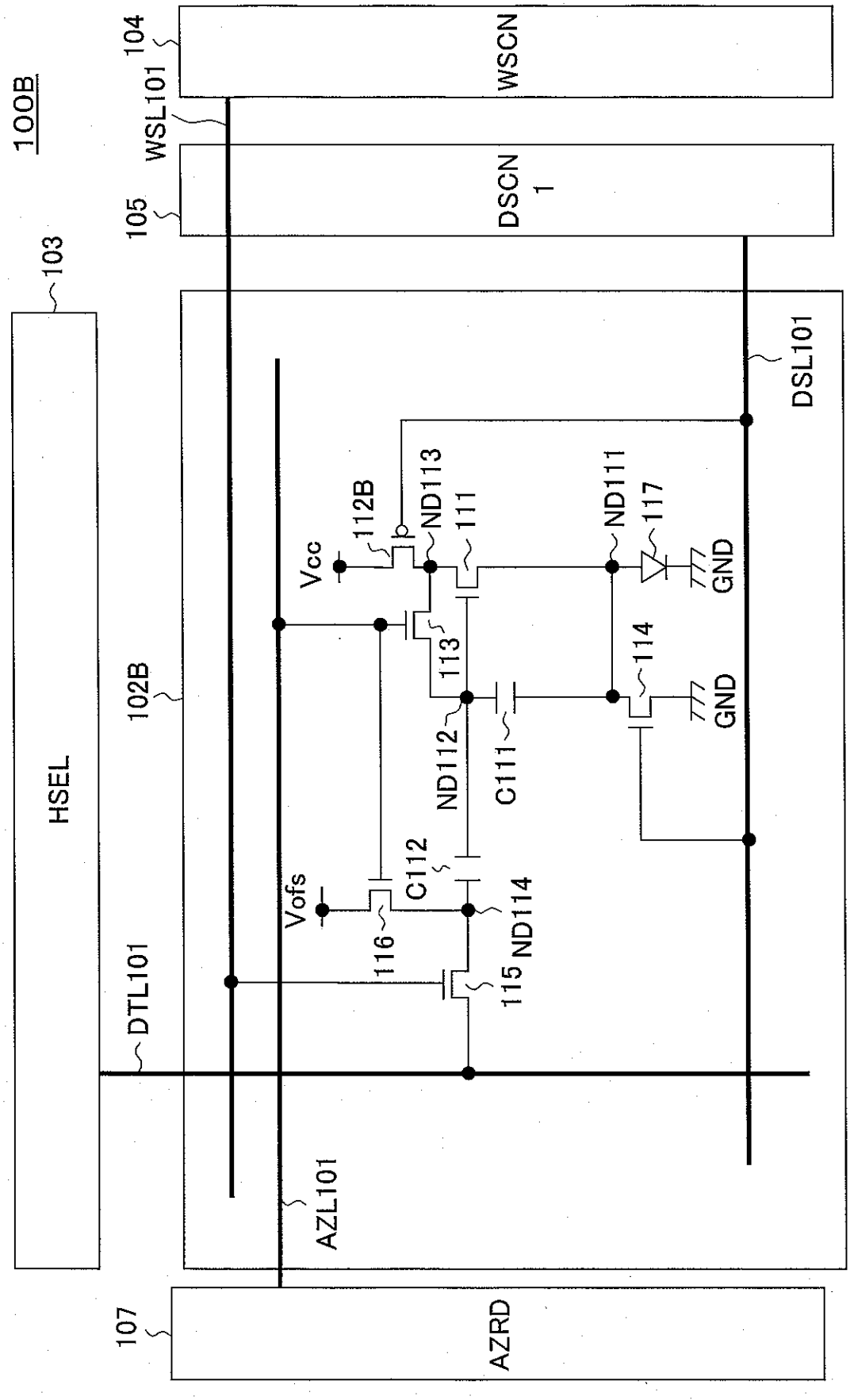

100B
103
HSEL
104
WSL101
WSCN
105
DSCN
1
102B
DSL101
Vcc
112B
ND113
111
ND111
117
GND
113
114
GND
ND112
C111
Vofs
C112
116
ND114
115
DTL101
AZL101
107
AZRD

FIG. 31A ws[1]:TFT115

FIG. 31B ds[1]:TFT112B,114

FIG. 31C az[1]:TFT113,116

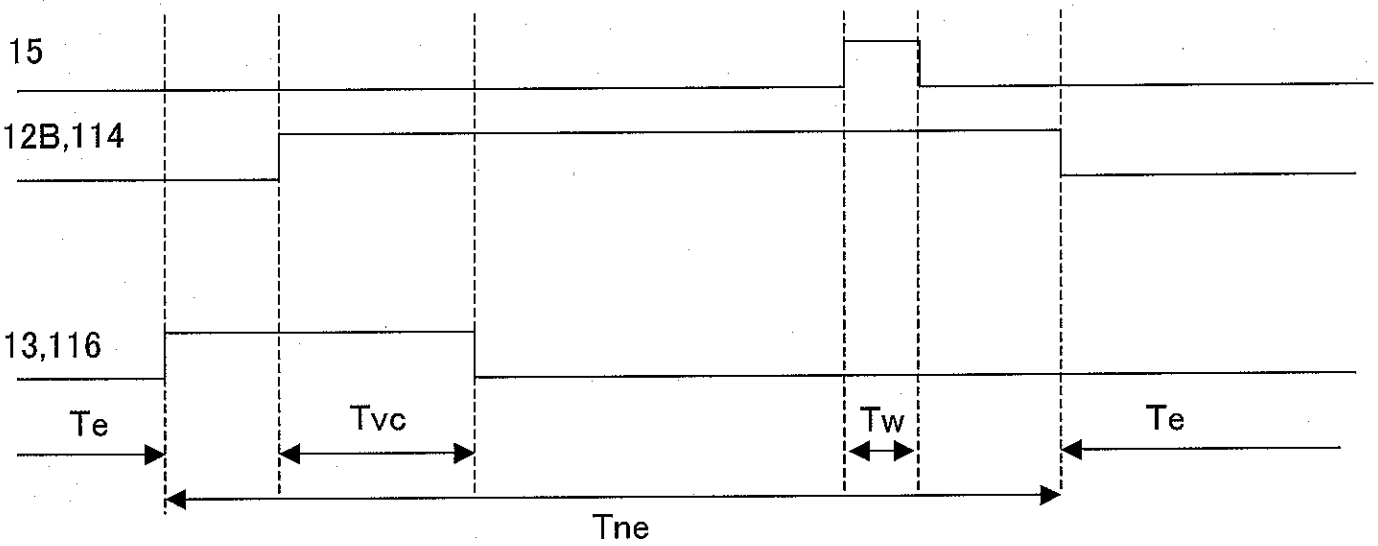


FIG. 32

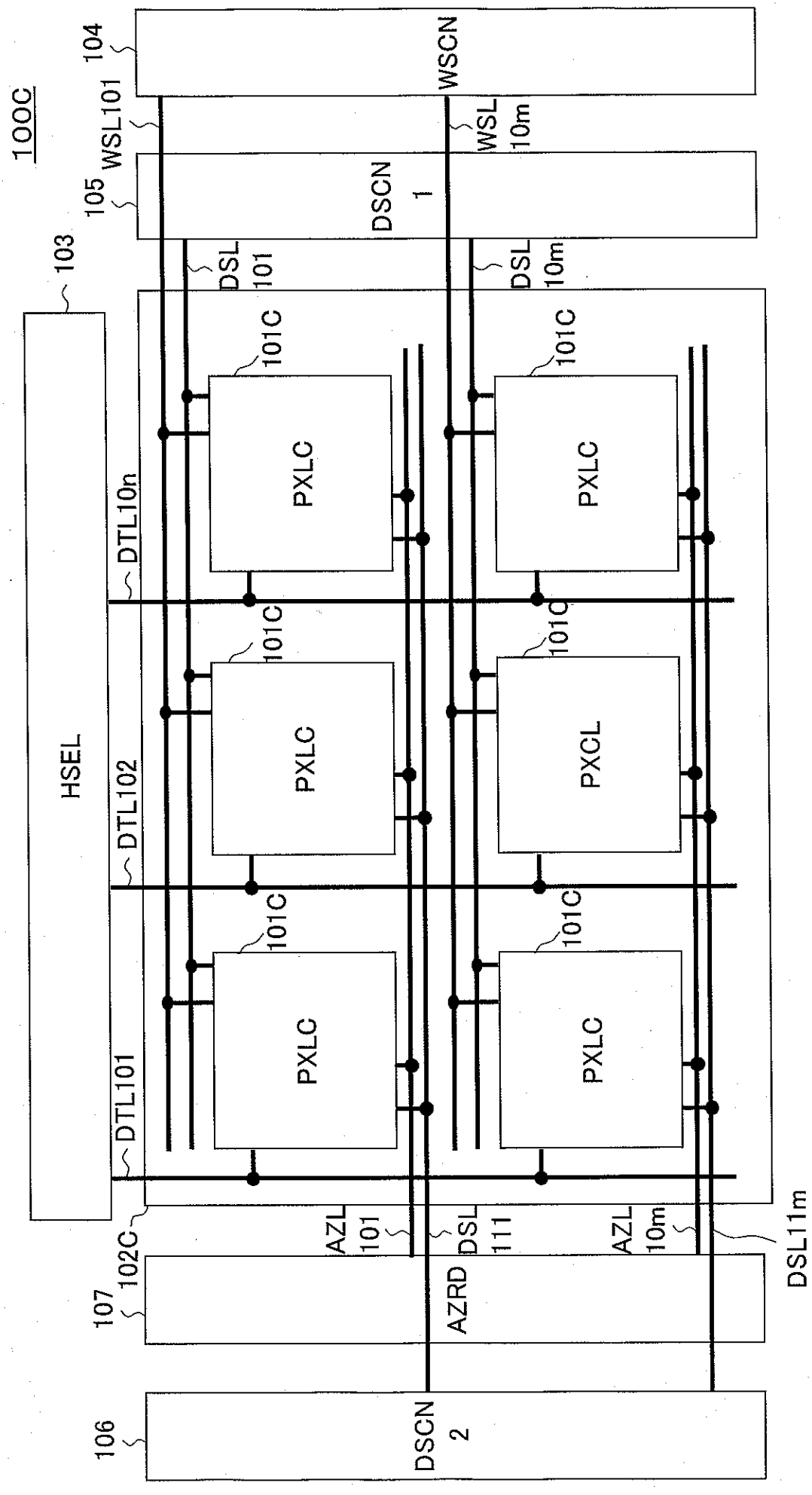

100C
104
WSCN
WSL101
WSL 10m
105
DSCN 1
103
DSL 101
DSL 10m
101C
PXLC
DTL10n
DTL102
DTL101
HSEL
PXCL
102C
AZL 101
DSL 111
AZL 10m
DSL11m
107
AZRD
106
DSCN 2

FIG. 33

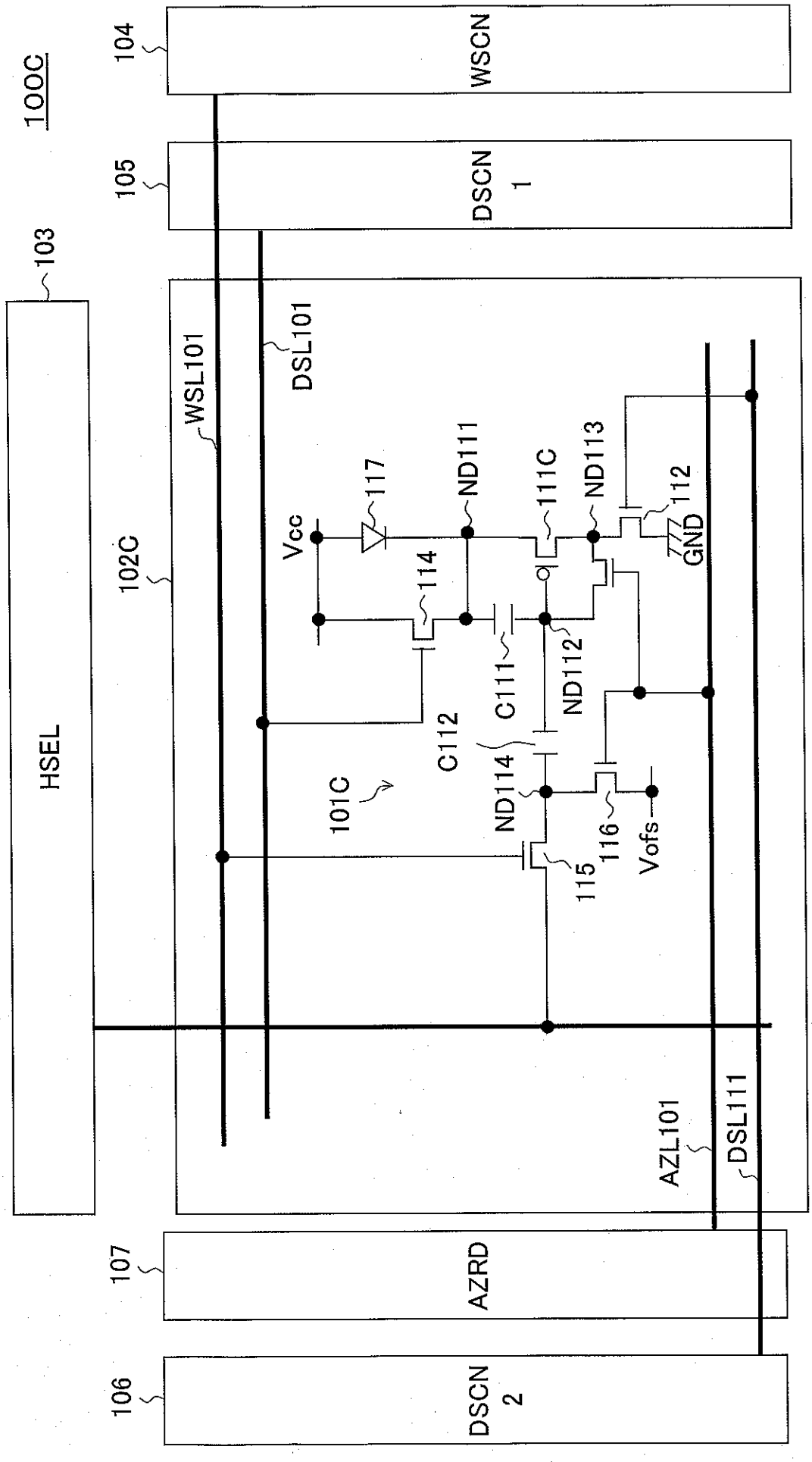

100C
103
HSEL
104
WSCN
105
DSCN 1
106
DSCN 2
107
AZRD
102C
WSL101
DSL101
AZL101
DSL111
101C
Vcc
117
ND111
111C
ND113
112
GND
114
C111
C112
ND112
ND114
115
116
Vofs

FIG. 34

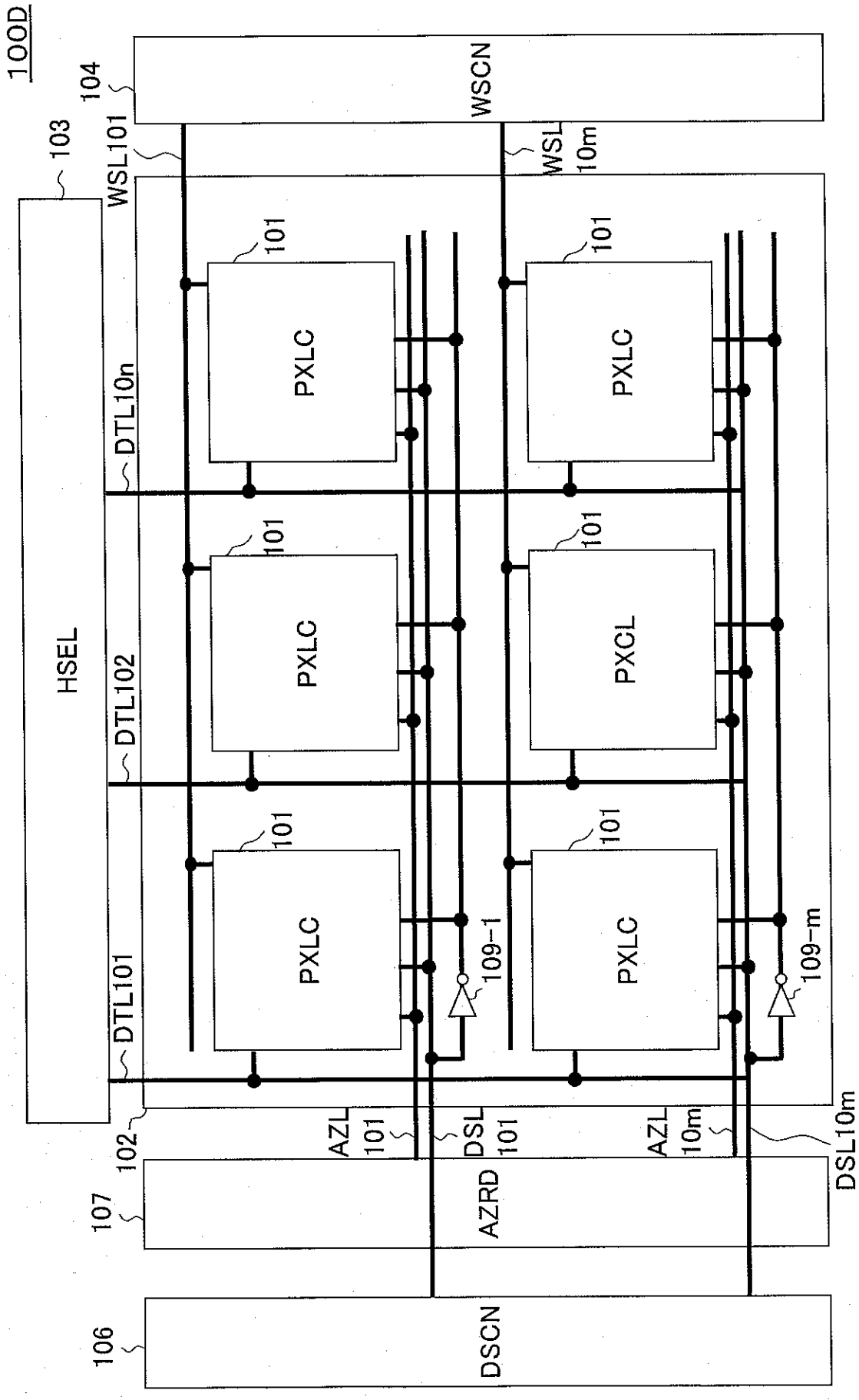

100D
104
WSCN
103
WSL101
WSL10m
HSEL
DTL10n
DTL102
DTL101
101
PXLC
PXCL
109-1
109-m
102
AZL101
DSL101
AZL10m
DSL10m
107
AZRD
106
DSCN

FIG. 35

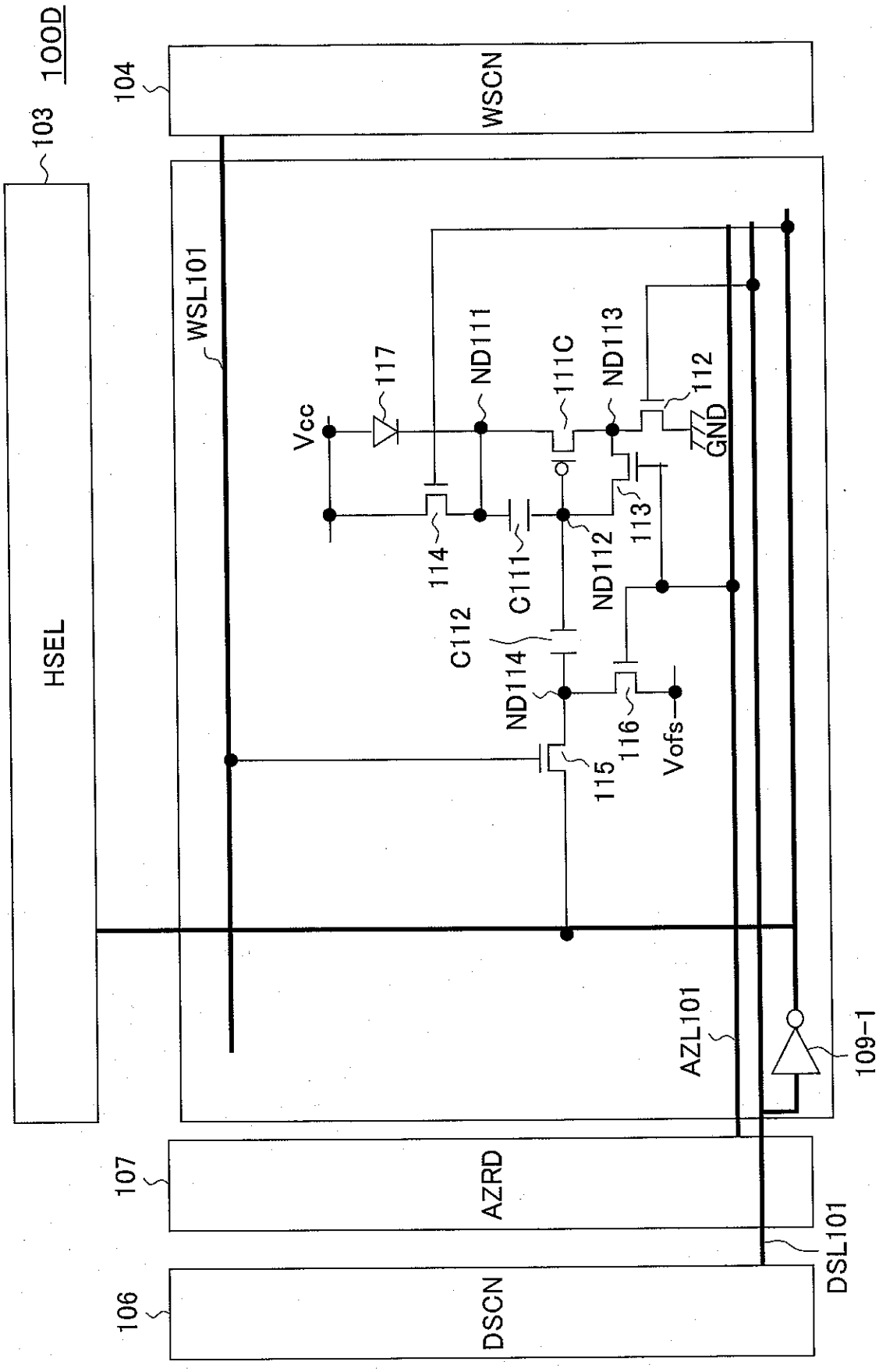

100D
103
HSEL
104
WSCN
WSL101
Vcc
117
ND111
111C
ND113
112
GND
114
C111
ND112
113
C112
ND114
116
Vofs
115
AZL101
109-1
107
AZRD
DSL101
106
DSCN

FIG. 36

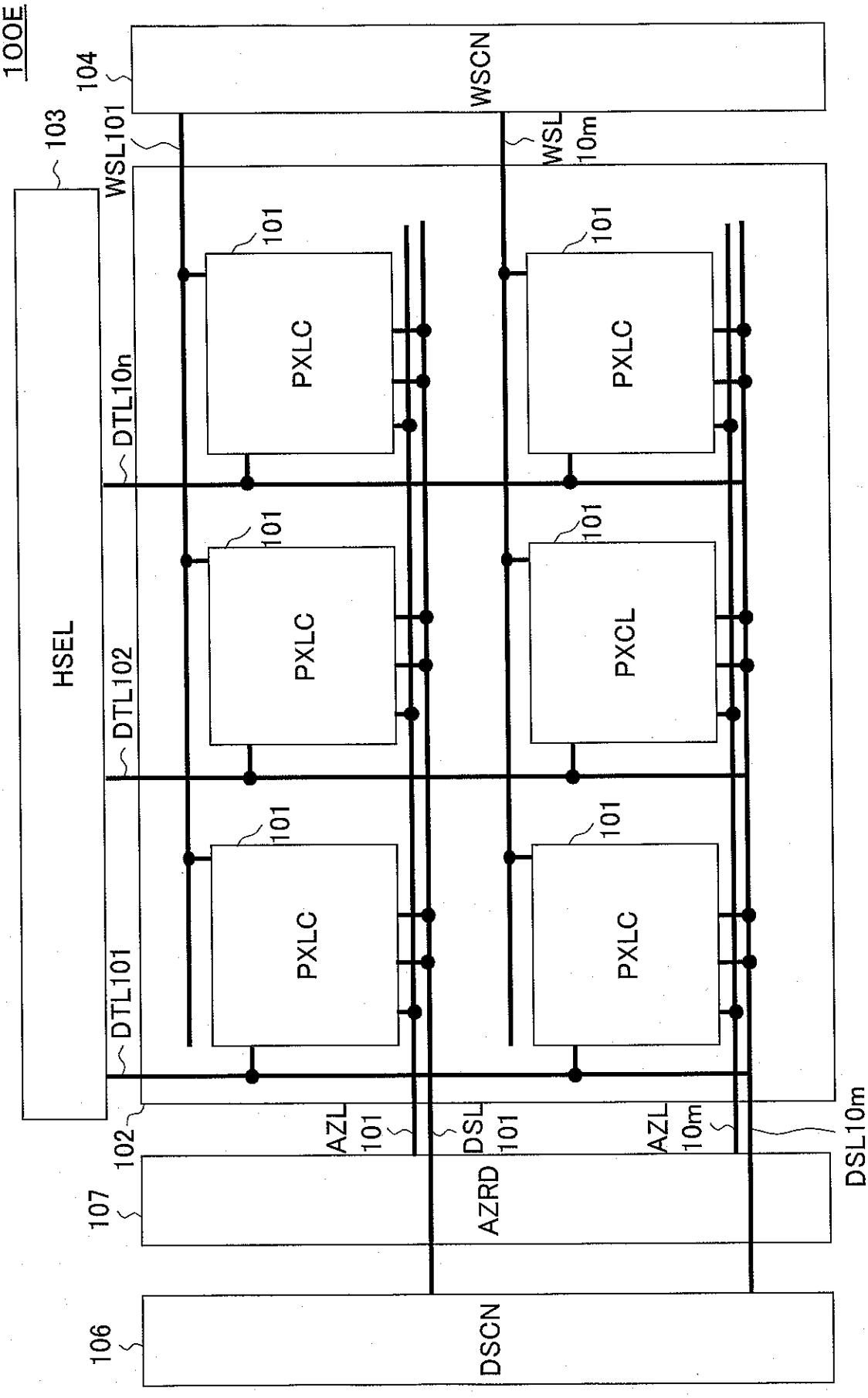
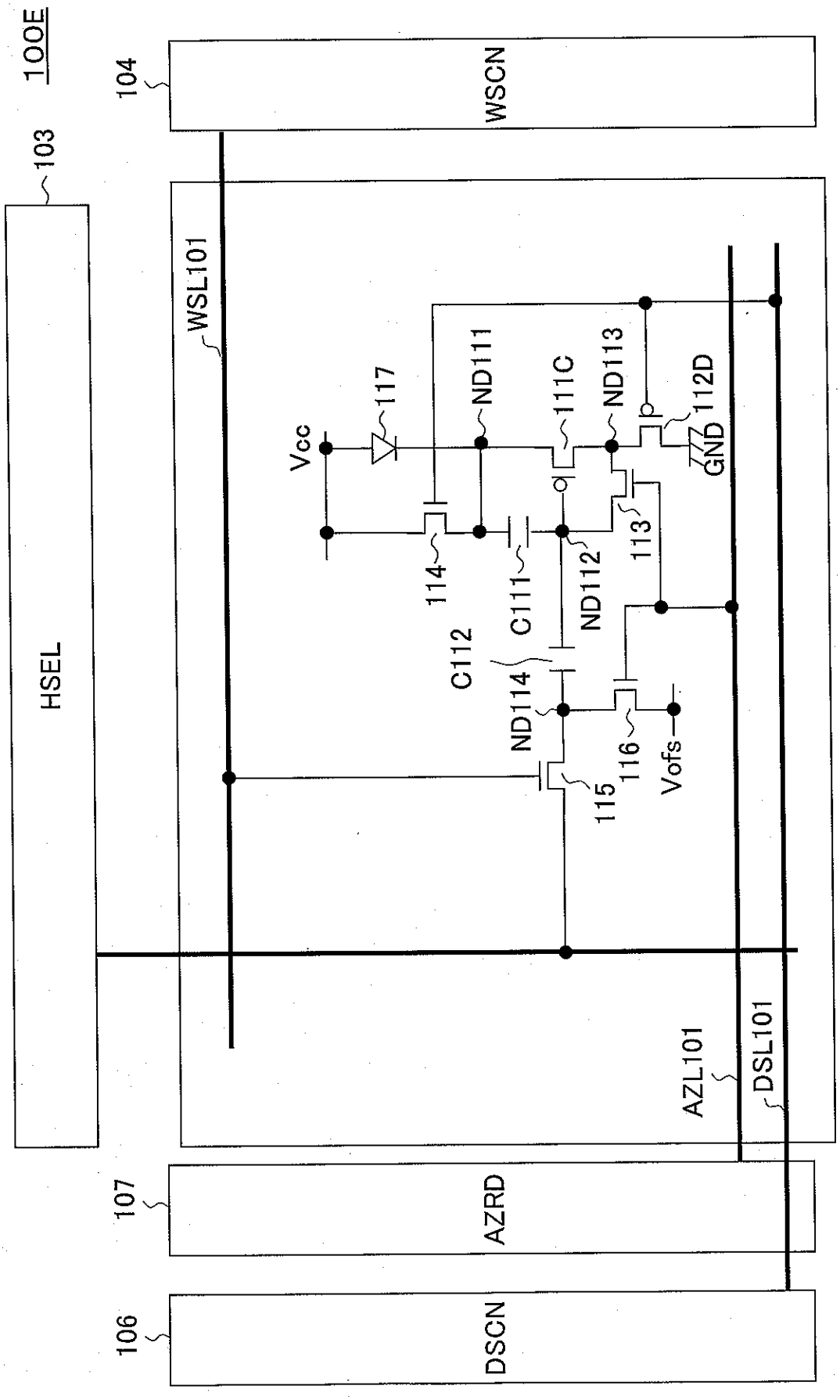

100E
104
WSCN
103
WSL101
WSL10m
HSEL
DTL10n
DTL102
DTL101
101
PXLC
PXCL
102
AZL101
DSL101
AZL10m
DSL10m
107
AZRD
106
DSCN

FIG. 37


100E
103
HSEL
104
WSCN
WSL101
107
AZRD
106
DSCN
AZL101
DSL101
Vcc
117
ND111
111C
ND113
112D
GND
114
C111
ND112
113
C112
ND114
116
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