FIG. 1

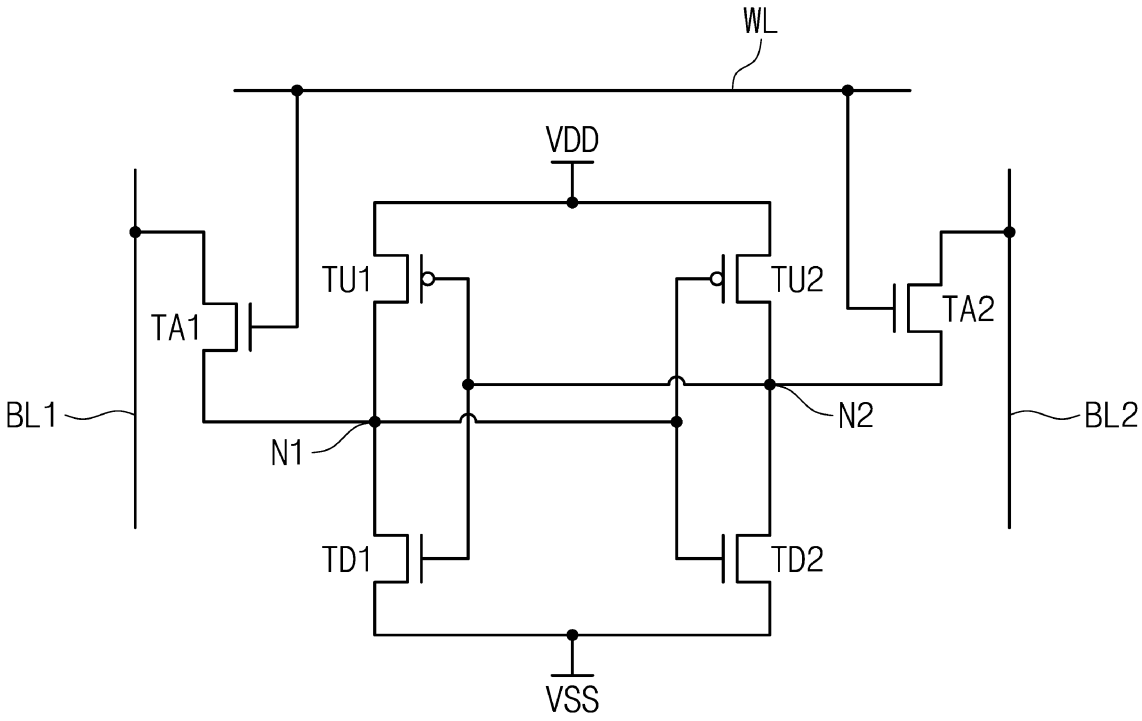


FIG. 2

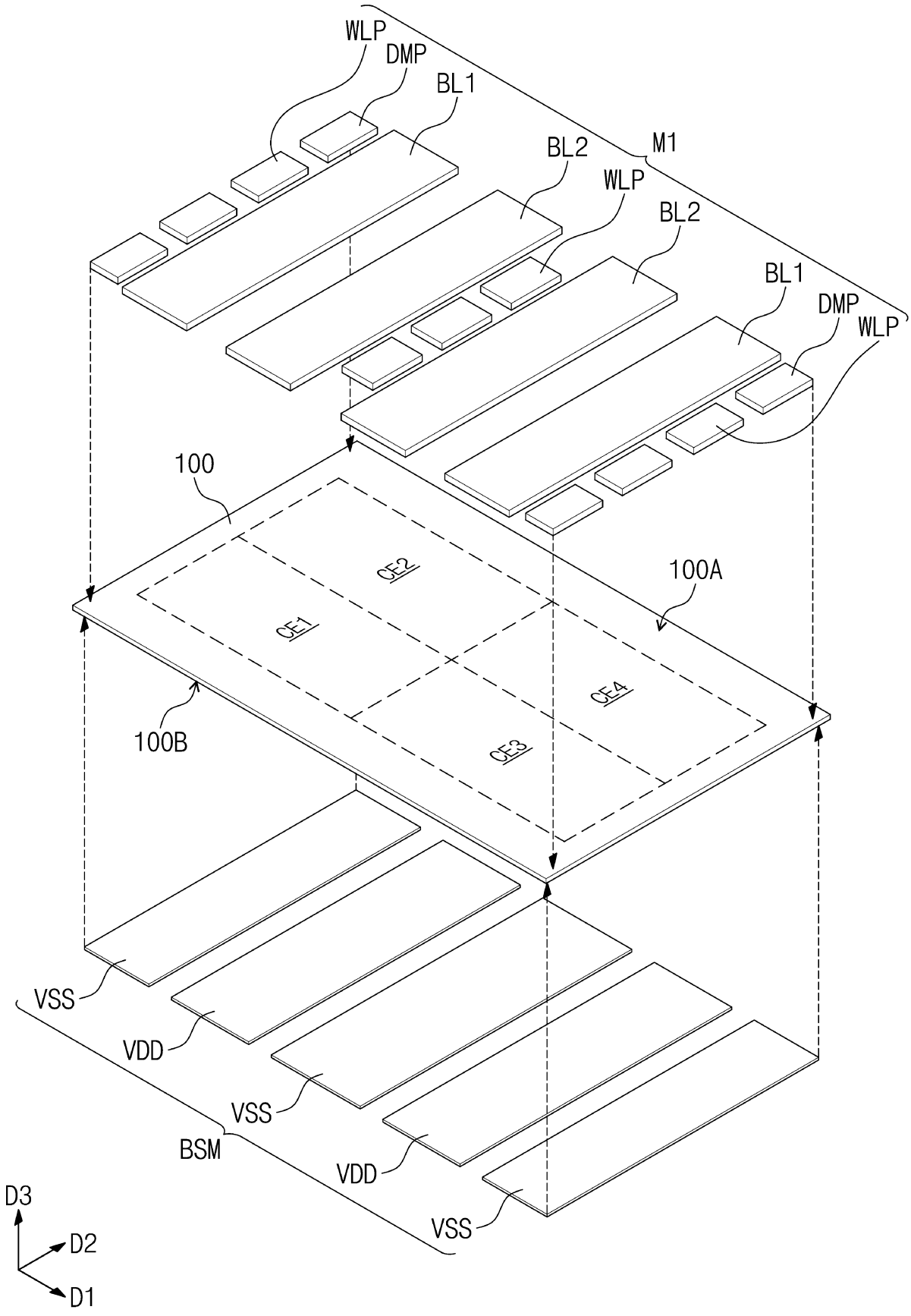

WLP
DMP
BL1
M1
BL2
WLP
BL2
BL1
DMP
WLP
100
100A
CE2
CE1
CE4
CE3
100B
VSS
VDD
VSS
BSM
VDD
VSS
D3
D2
D1

FIG. 3A

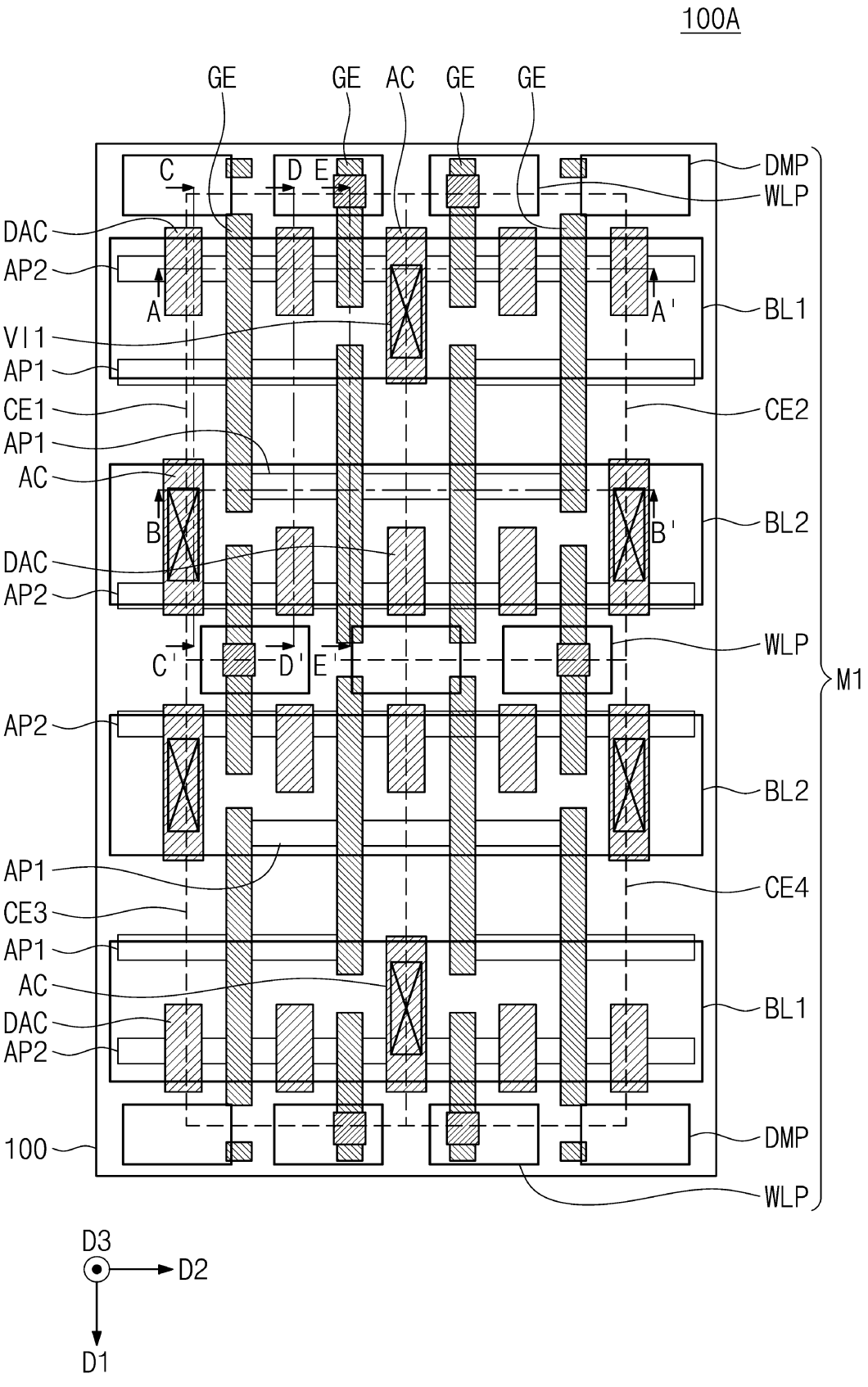

100A
GE
GE
AC
GE
GE
C
D
E
DMP
WLP
DAC
AP2
A
A'
BL1
VI1
AP1
CE1
CE2
AP1
AC
B
B'
BL2
DAC
AP2
C'
D'
E'
WLP
M1
AP2
BL2
AP1
CE4
CE3
AP1
AC
BL1
DAC
AP2
100
DMP
WLP
D3
D2
D1

FIG. 3B

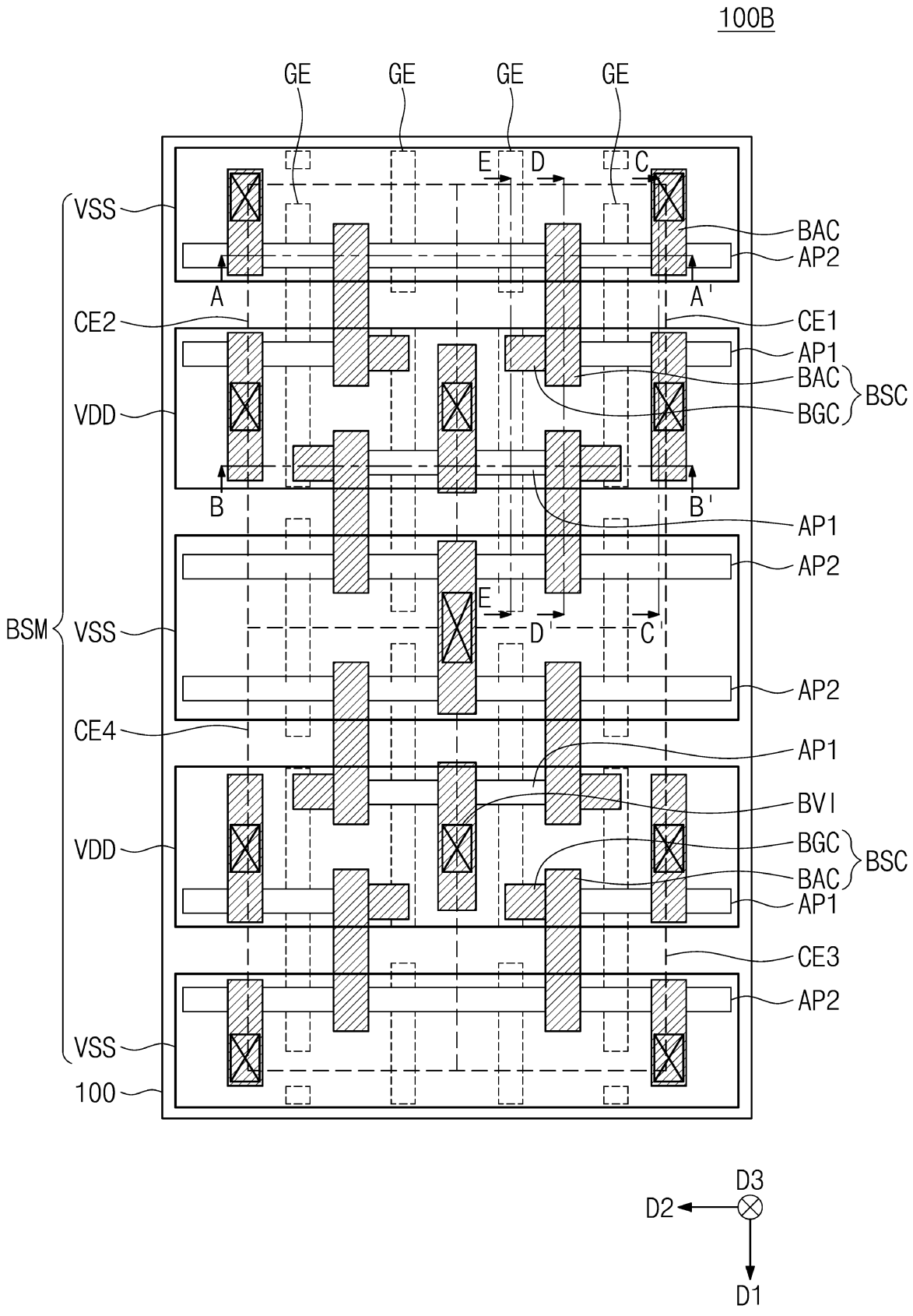

100B
GE
GE
GE
GE
E
D
C
VSS
BAC
AP2
A
A'
CE2
CE1
AP1
BAC
BSC
VDD
BGC
B
B'
AP1
AP2
E
BSM
VSS
D'
C'
AP2
CE4
AP1
BVI
VDD
BGC
BSC
BAC
AP1
CE3
AP2
VSS
100
D3
D2
D1

FIG. 4A

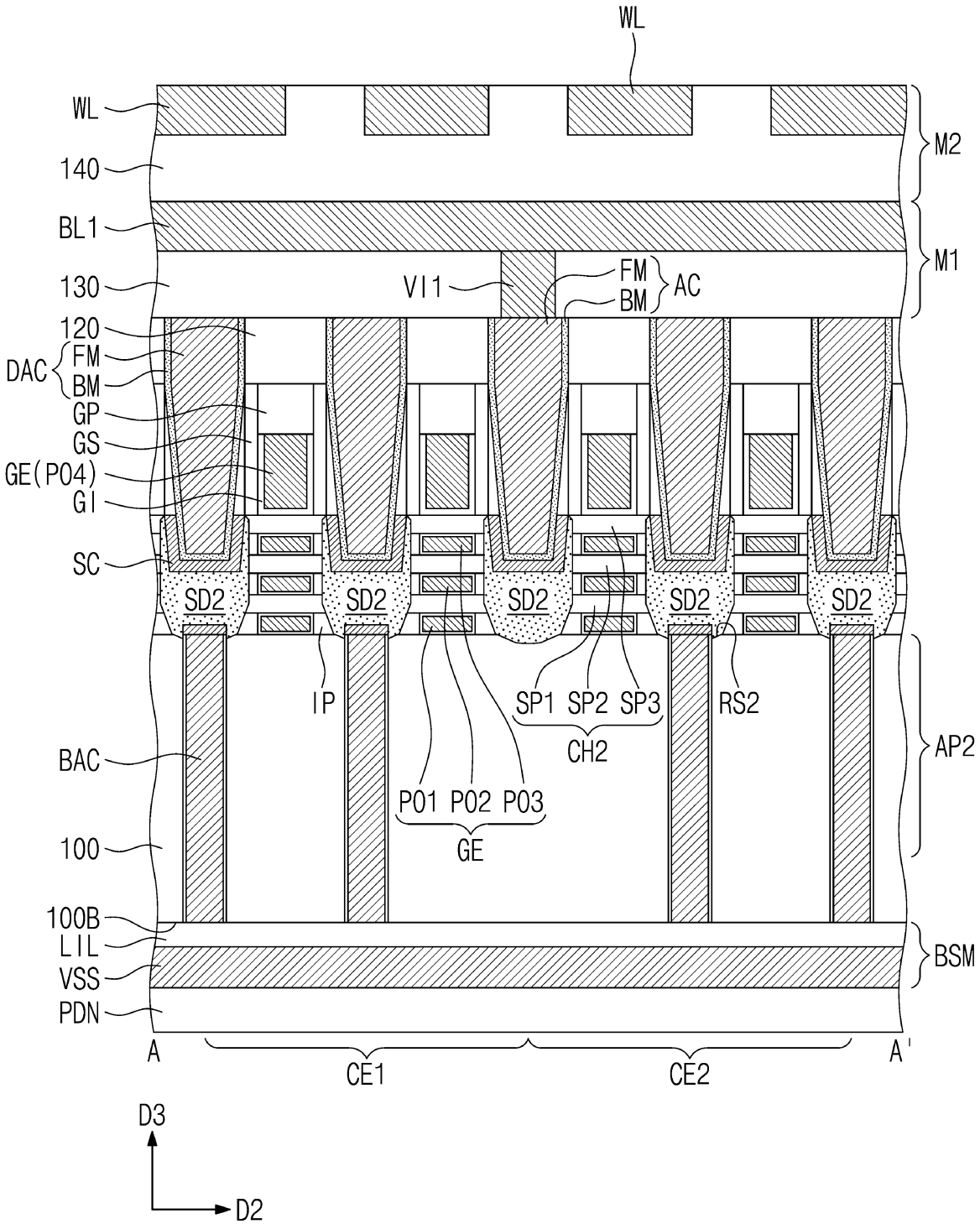

WL
WL
140
BL1
130
120
DAC
FM
BM
GP
GS
GE(P04)
GI
SC
SD2
SD2
SD2
SD2
SD2
IP
SP1 SP2 SP3
CH2
RS2
BAC
P01 P02 P03
GE
100
100B
LIL
VSS
PDN
VI1
FM
BM
AC
M2
M1
AP2
BSM
A
A'
CE1
CE2
D3
D2

FIG. 4B

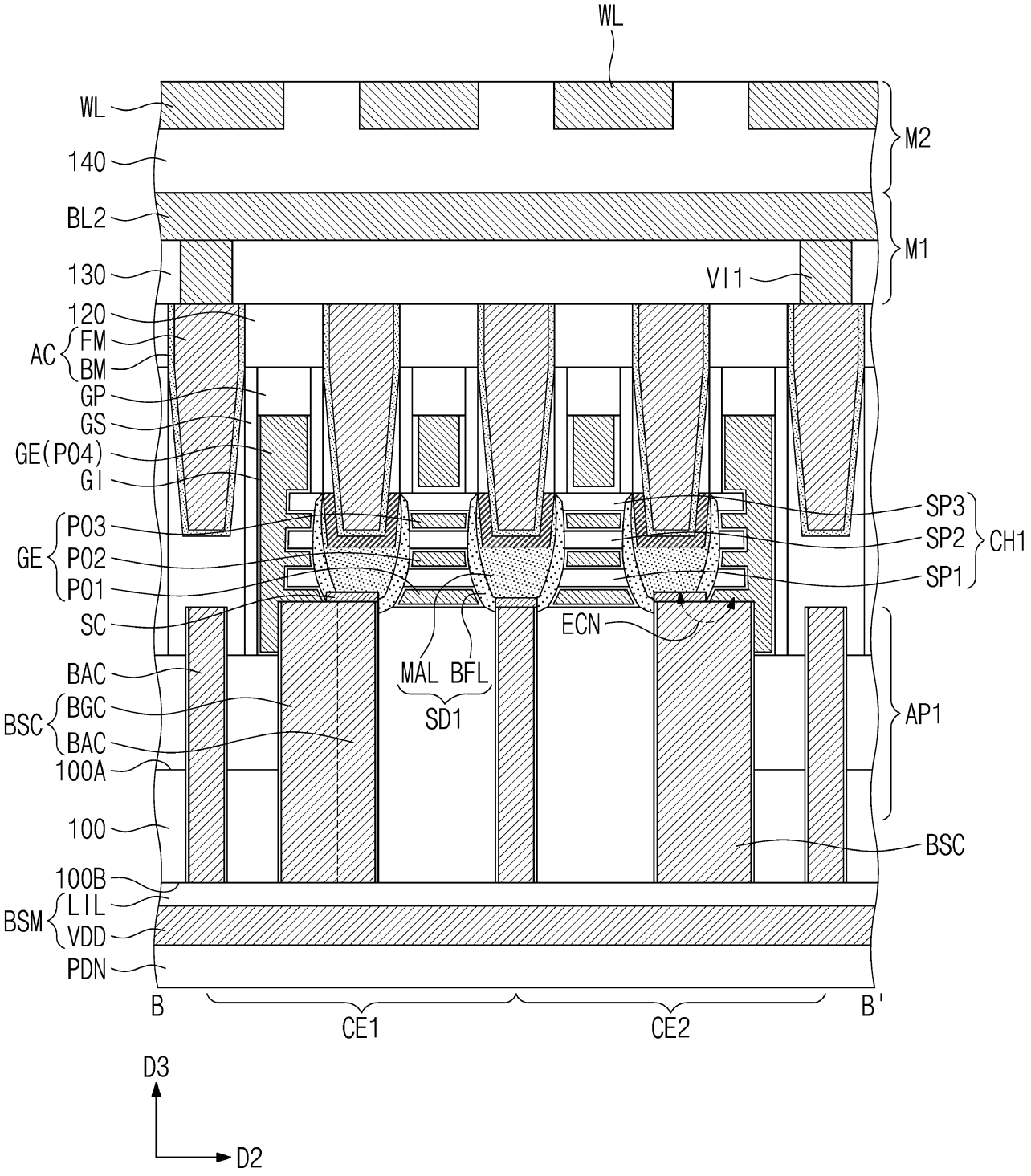

WL
WL
140
BL2
130
120
AC
FM
BM
GP
GS
GE(P04)
GI
GE
P03
P02
P01
SC
BAC
BSC
BGC
BAC
100A
100
100B
BSM
LIL
VDD
PDN
M2
M1
VI1
SP3
SP2
SP1
CH1
ECN
MAL BFL
SD1
AP1
BSC
B
B'
CE1
CE2
D3
D2

FIG. 4C

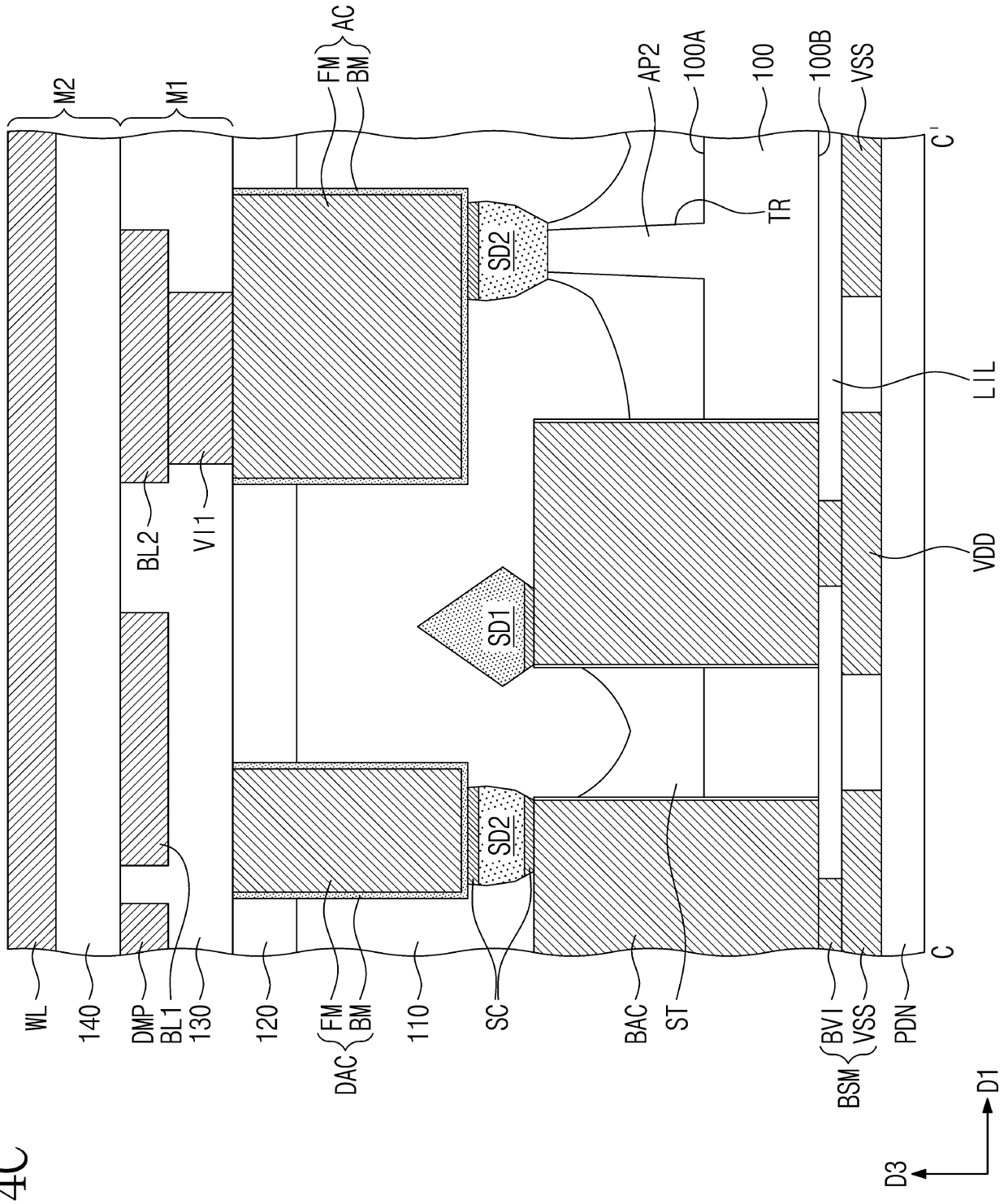

M2
M1
FM
BM
AC
AP2
100A
100
100B
VSS
C'
TR
SD2
SD1
LIL
VDD
BL2
VI1
WL
140
DMP
BL1
130
120
DAC
110
SC
BAC
ST
BVI
BSM
PDN
C
D3
D1

FIG. 4D

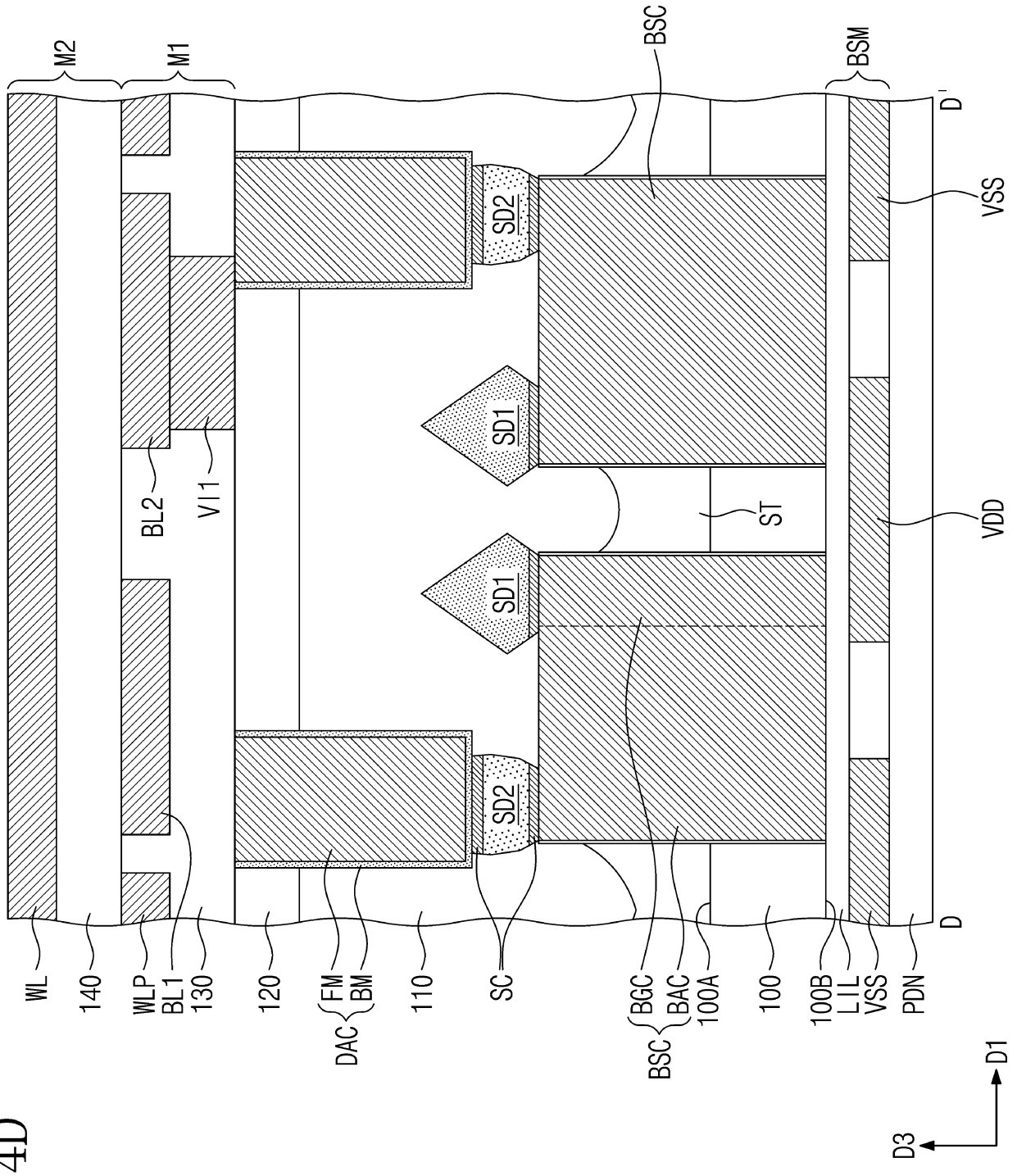

M2
M1
BSC
BSM
D'
VSS
VDD
SD2
SD1
SD1
SD2
BL2
VI1
ST
WL
140
WLP
BL1
130
120
FM
BM
DAC
110
SC
BGC
BAC
BSC
100A
100
100B
LIL
VSS
PDN
D
D3
D1

FIG. 4E

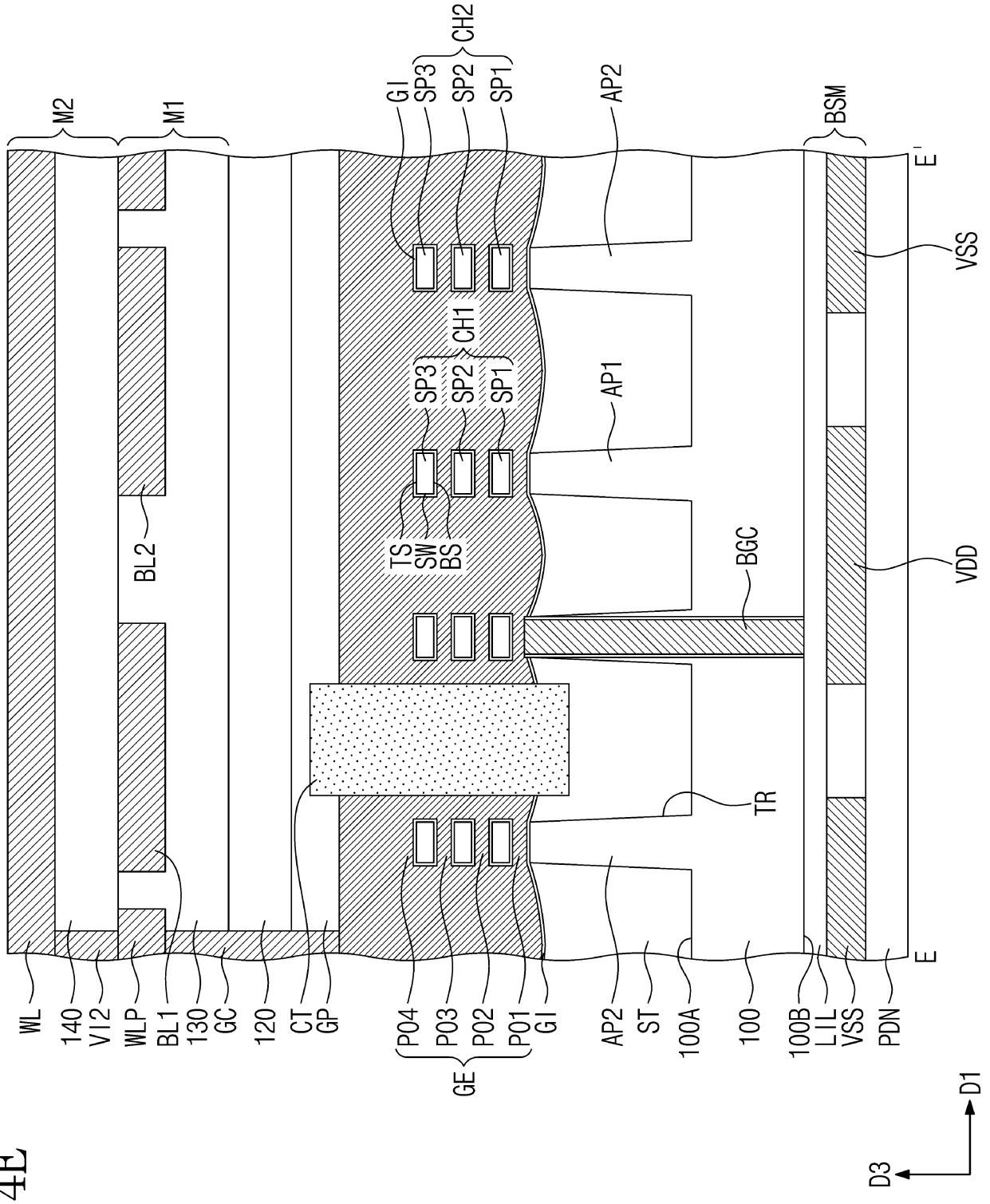

M2
M1
GI
SP3
SP2
SP1
CH2
AP2
BSM
E'
VSS
CH1
AP1
BL2
TS
SW
BS
BGC
VDD
TR
WL
140
VI2
WLP
BL1
130
GC
120
CT
GP
P04
P03
P02
P01
GI
AP2
ST
100A
100
100B
LIL
VSS
PDN
GE
E
D3
D1

FIG. 5A

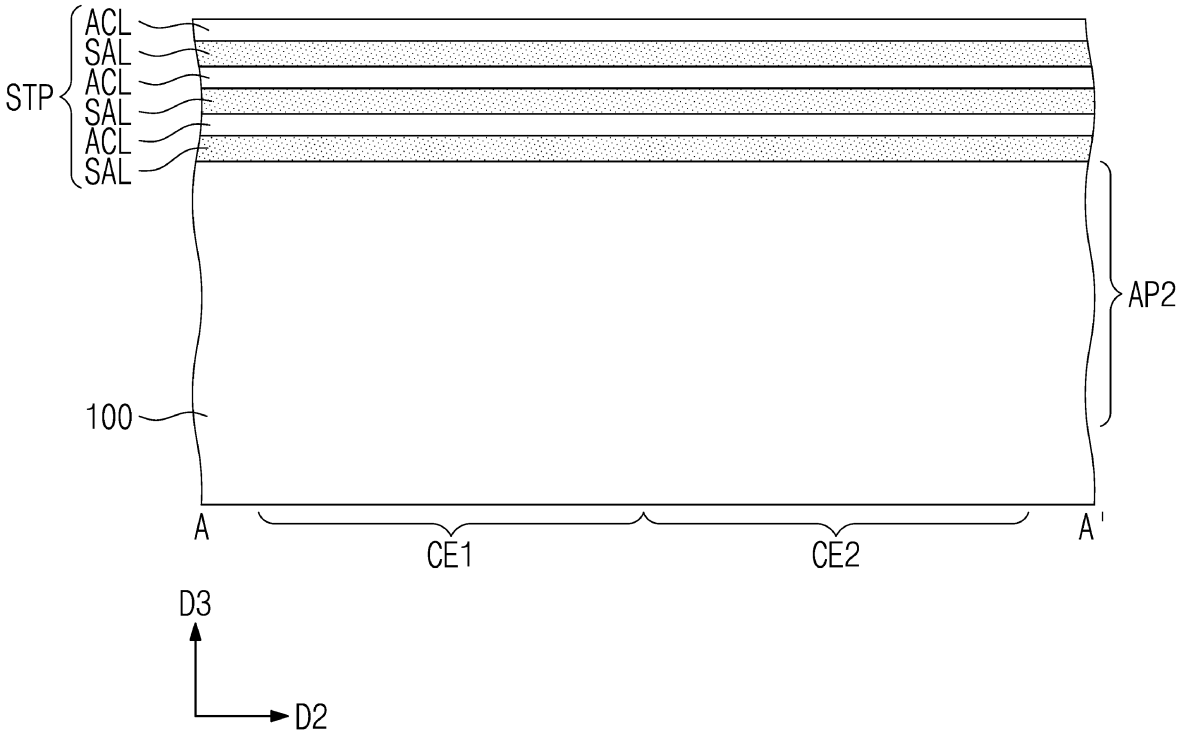


FIG. 5B

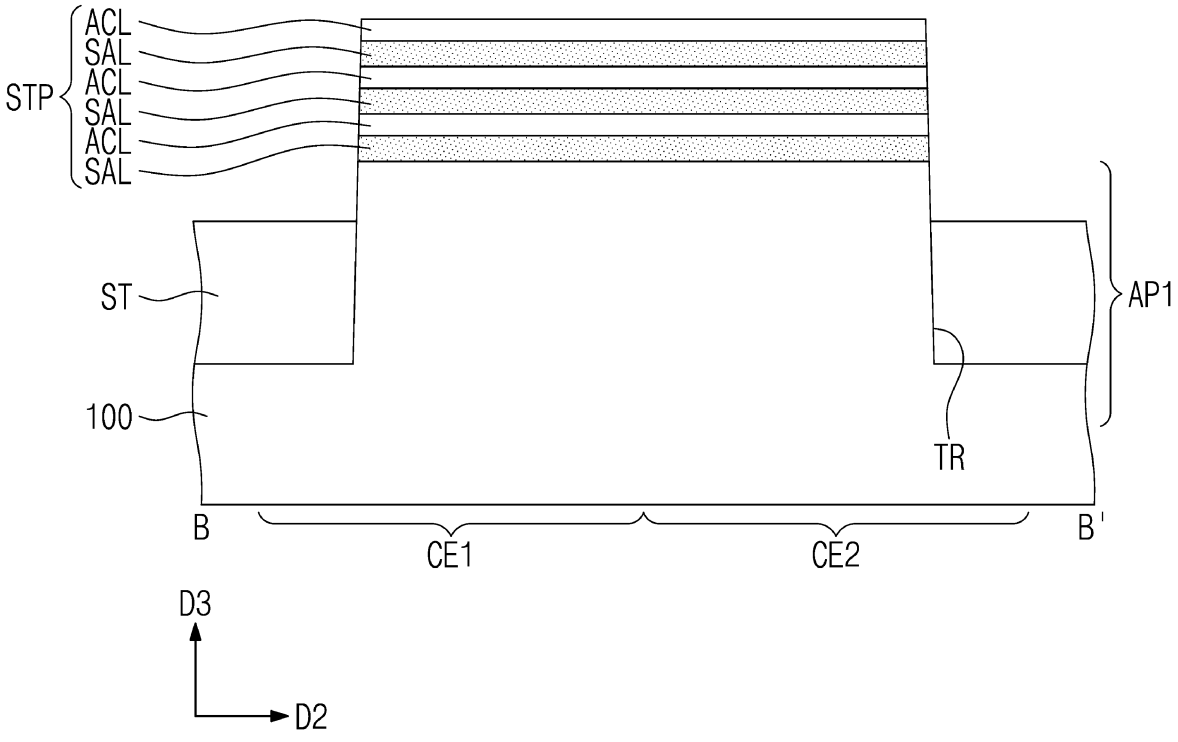


FIG. 5C

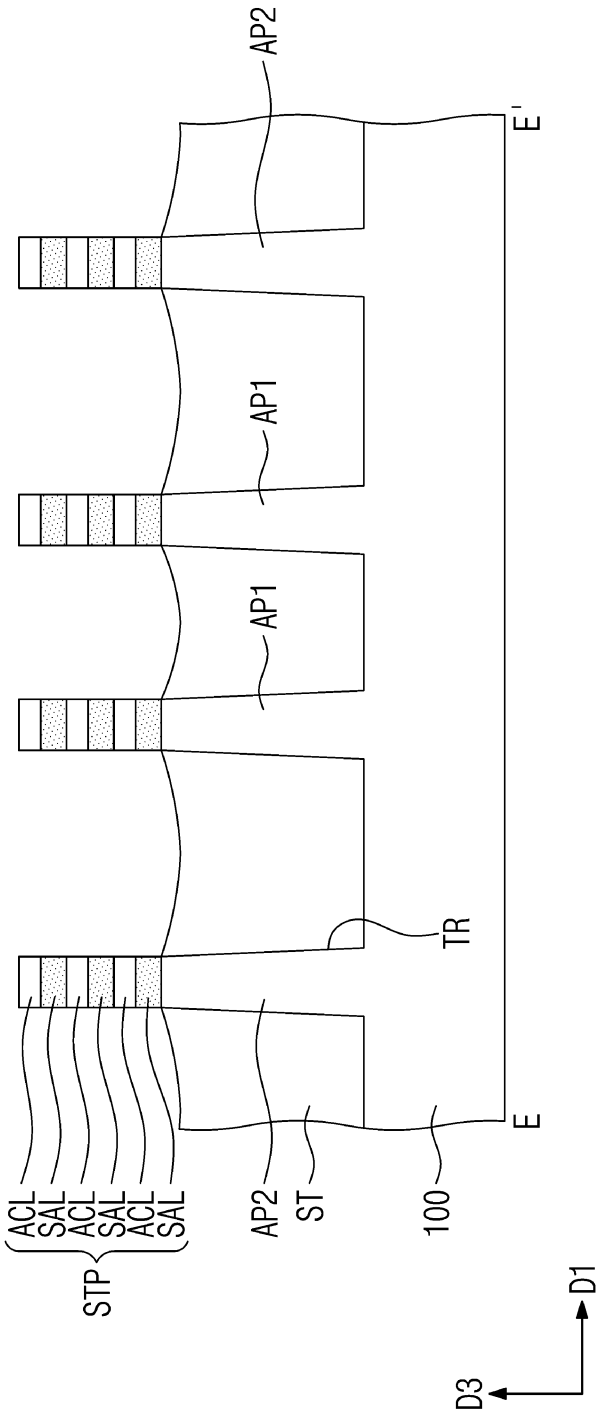


FIG. 6A

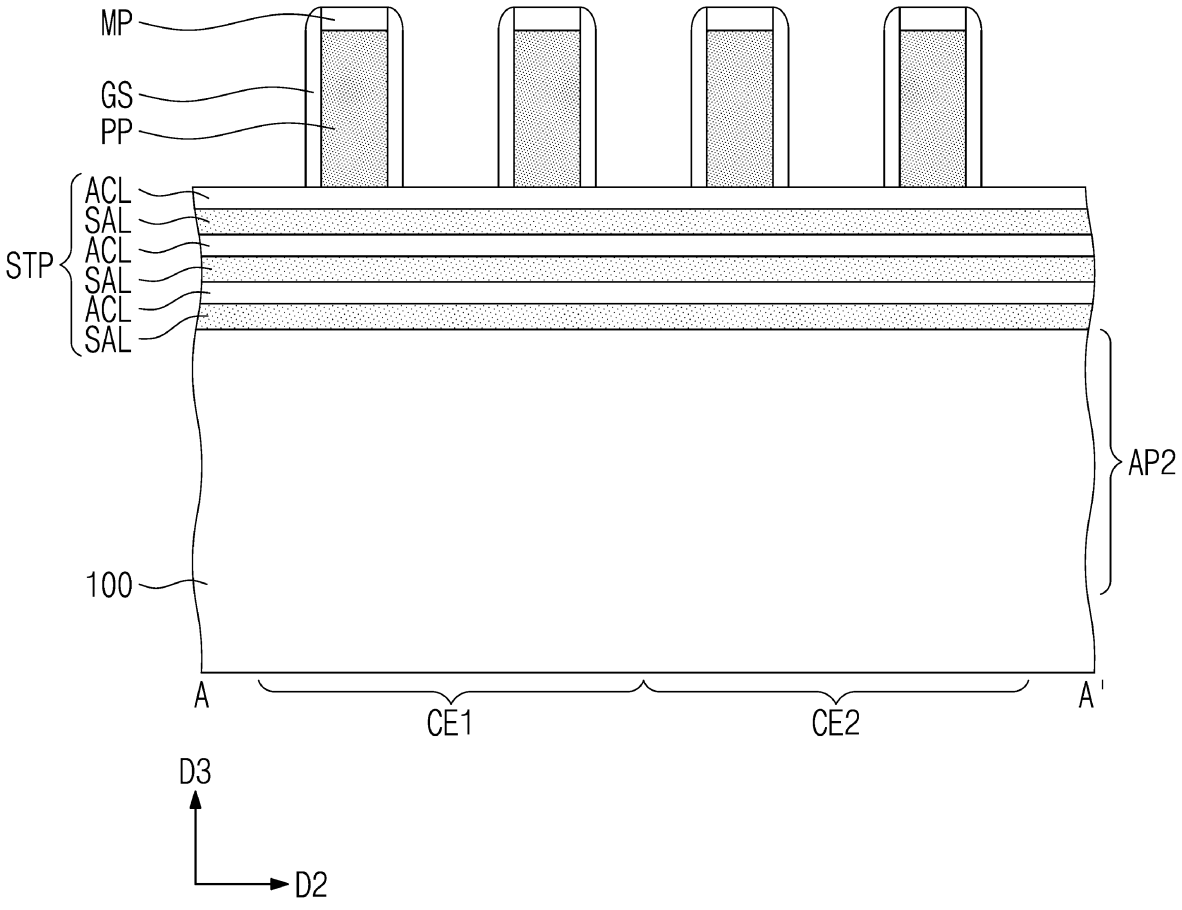


FIG. 6B

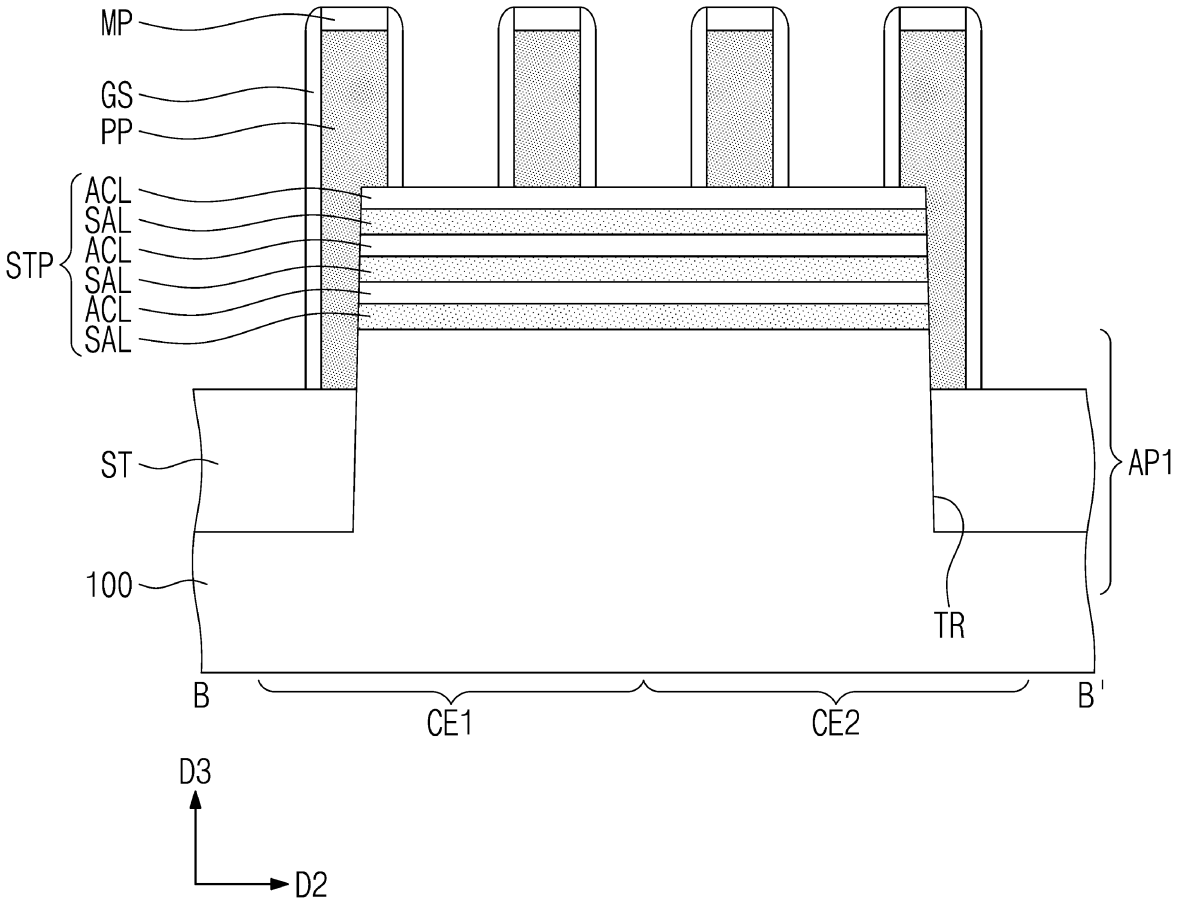


FIG. 6C

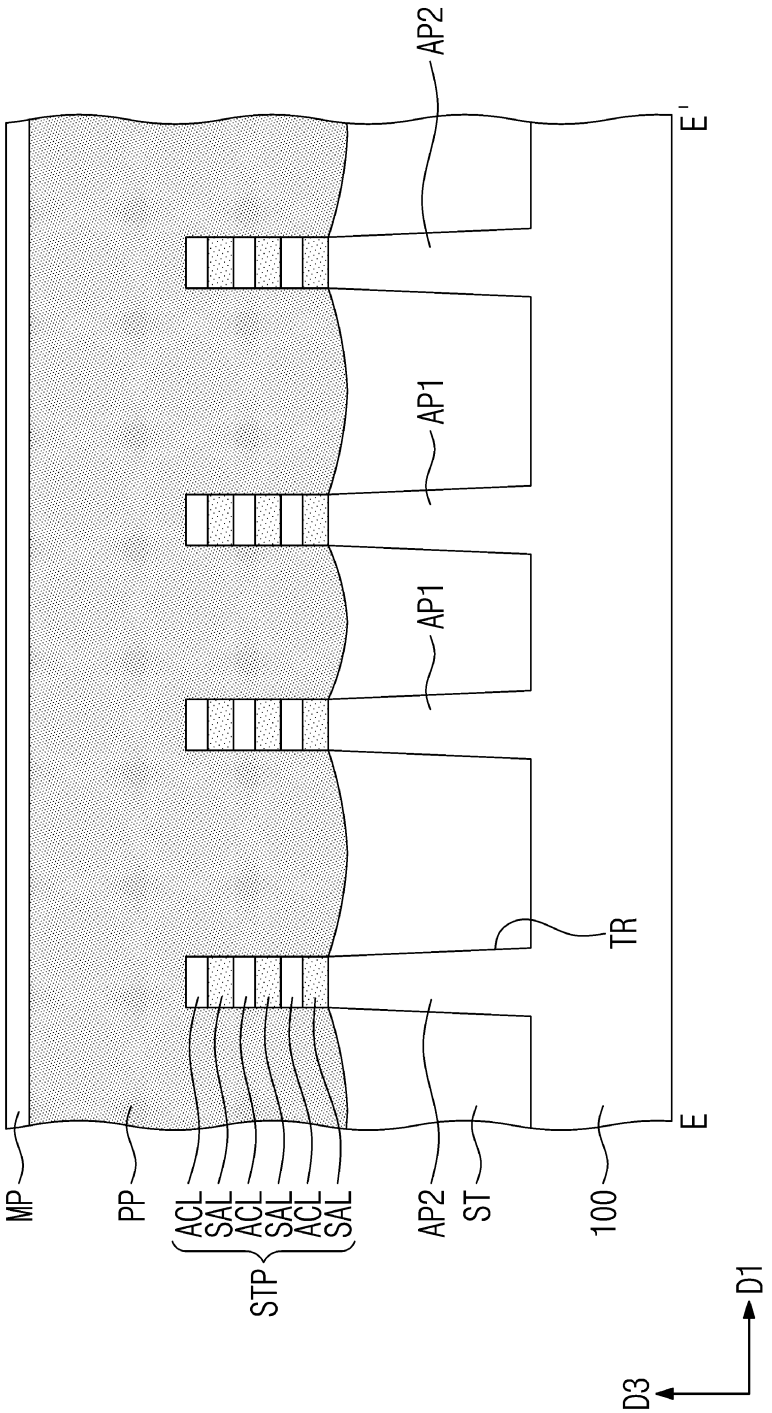

AP2
E'
AP1
AP1
TR
MP
PP
ACL
SAL
ACL
SAL
ACL
SAL
STP
AP2
ST
100
E
D3
D1

FIG. 7A

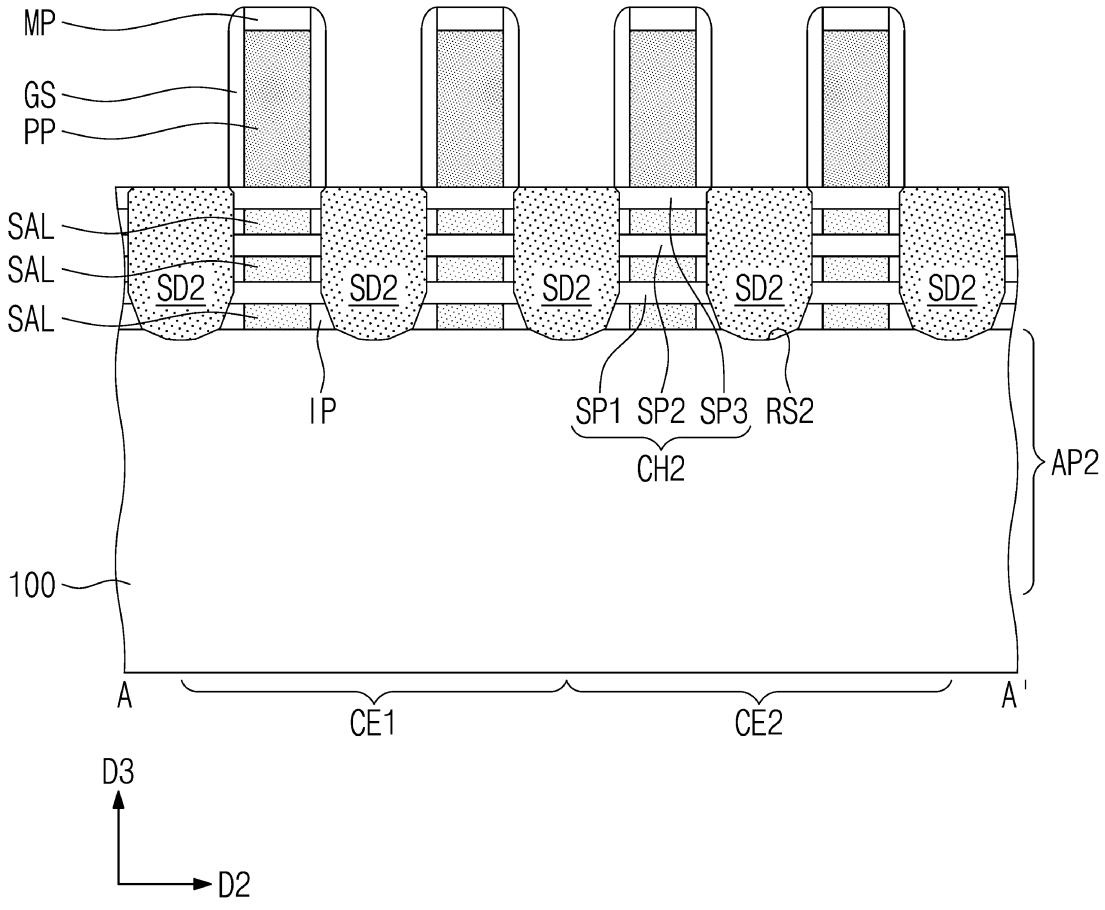

MP
GS
PP
SAL
SAL
SAL
SD2
SD2
SD2
SD2
SD2
IP
SP1
SP2
SP3
RS2
CH2
AP2
100
A
A'
CE1
CE2
D3
D2

FIG. 7B

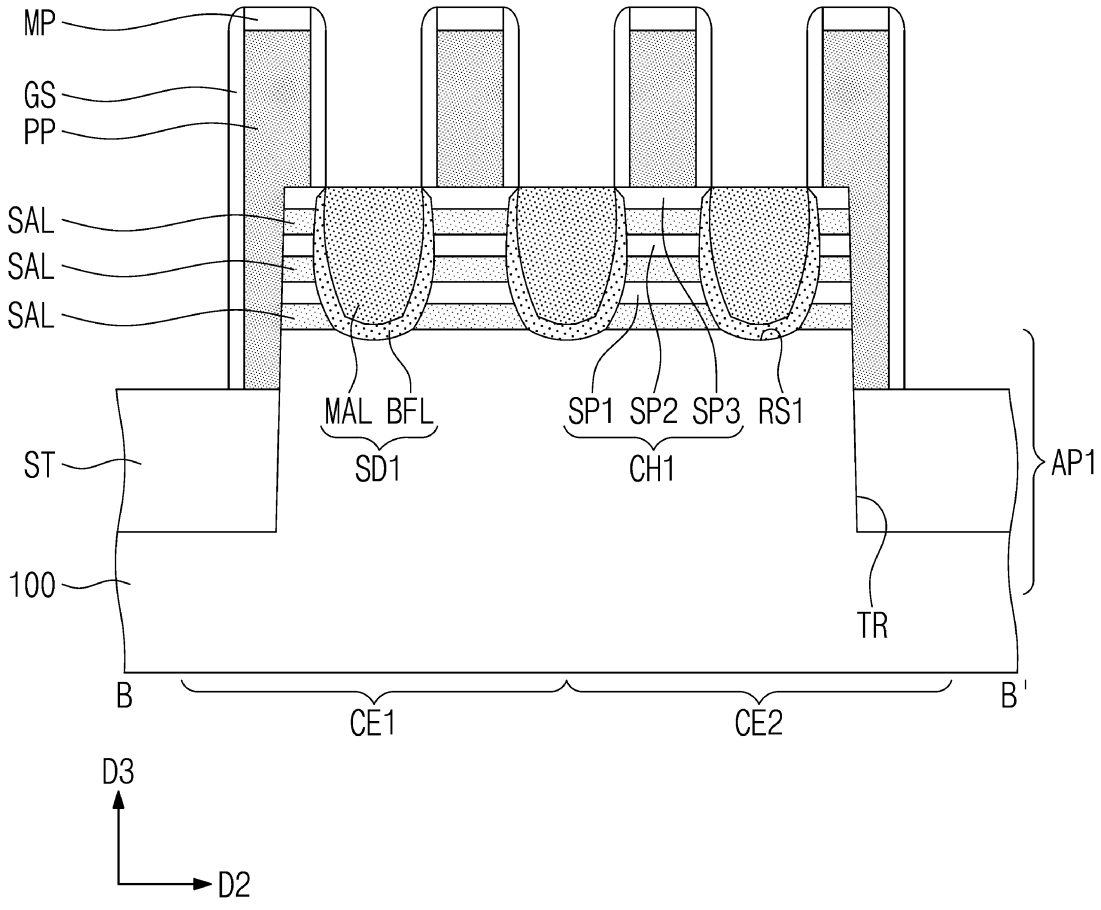

MP
GS
PP
SAL
SAL
SAL
MAL BFL
SD1
SP1 SP2 SP3 RS1
CH1
ST
AP1
100
TR
B
B'
CE1
CE2
D3
D2

FIG. 7C

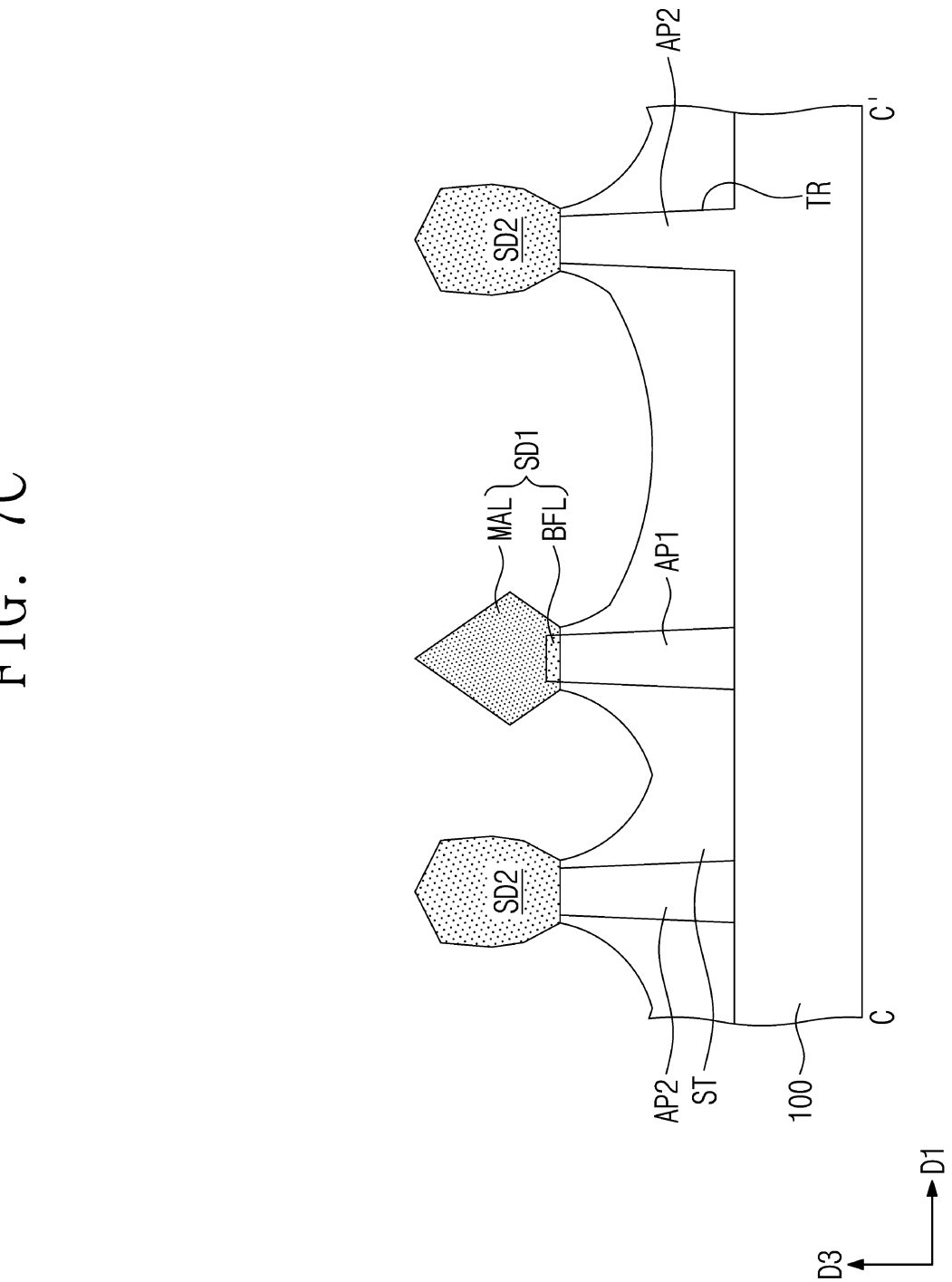


FIG. 8A

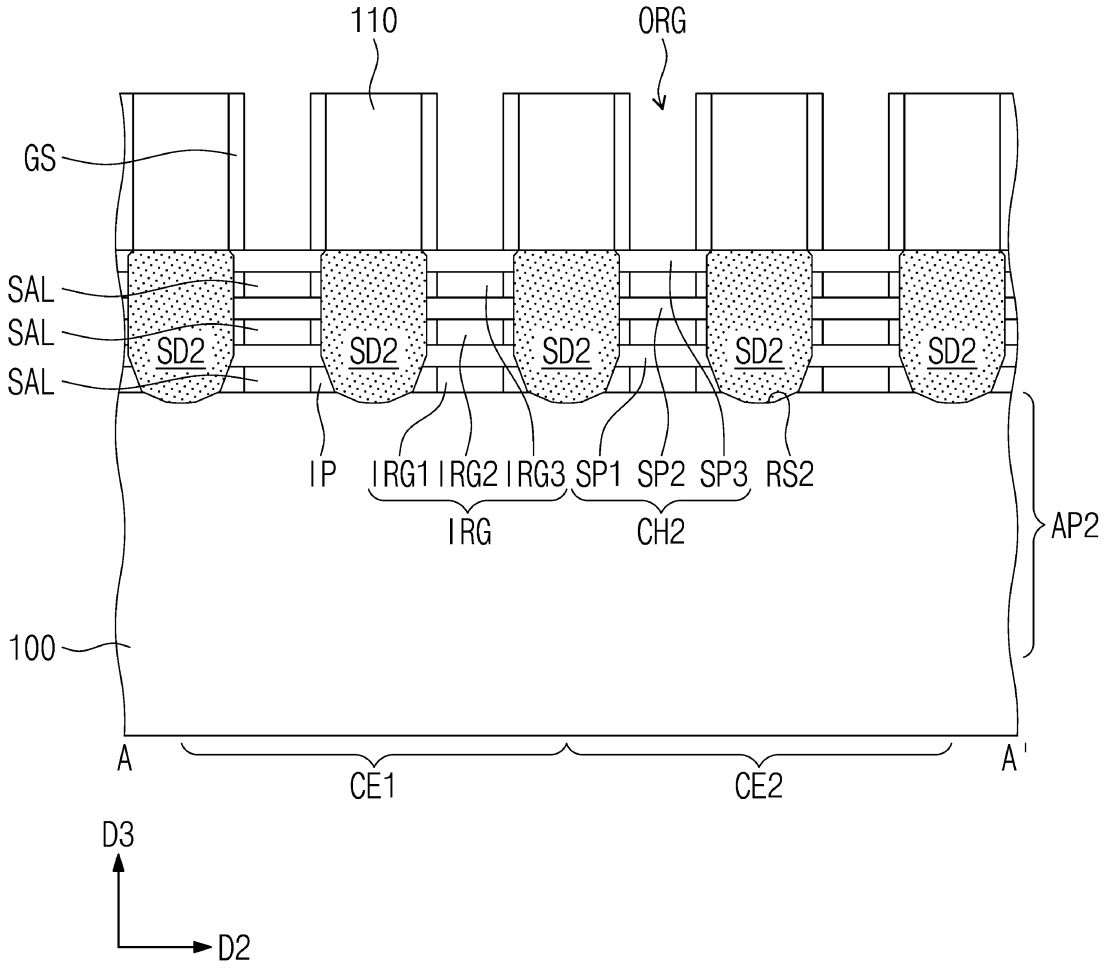

110
ORG
GS
SAL
SAL
SAL
SD2
SD2
SD2
SD2
SD2
IP
IRG1
IRG2
IRG3
SP1
SP2
SP3
RS2
IRG
CH2
AP2
100
A
A'
CE1
CE2
D3
D2

FIG. 8B

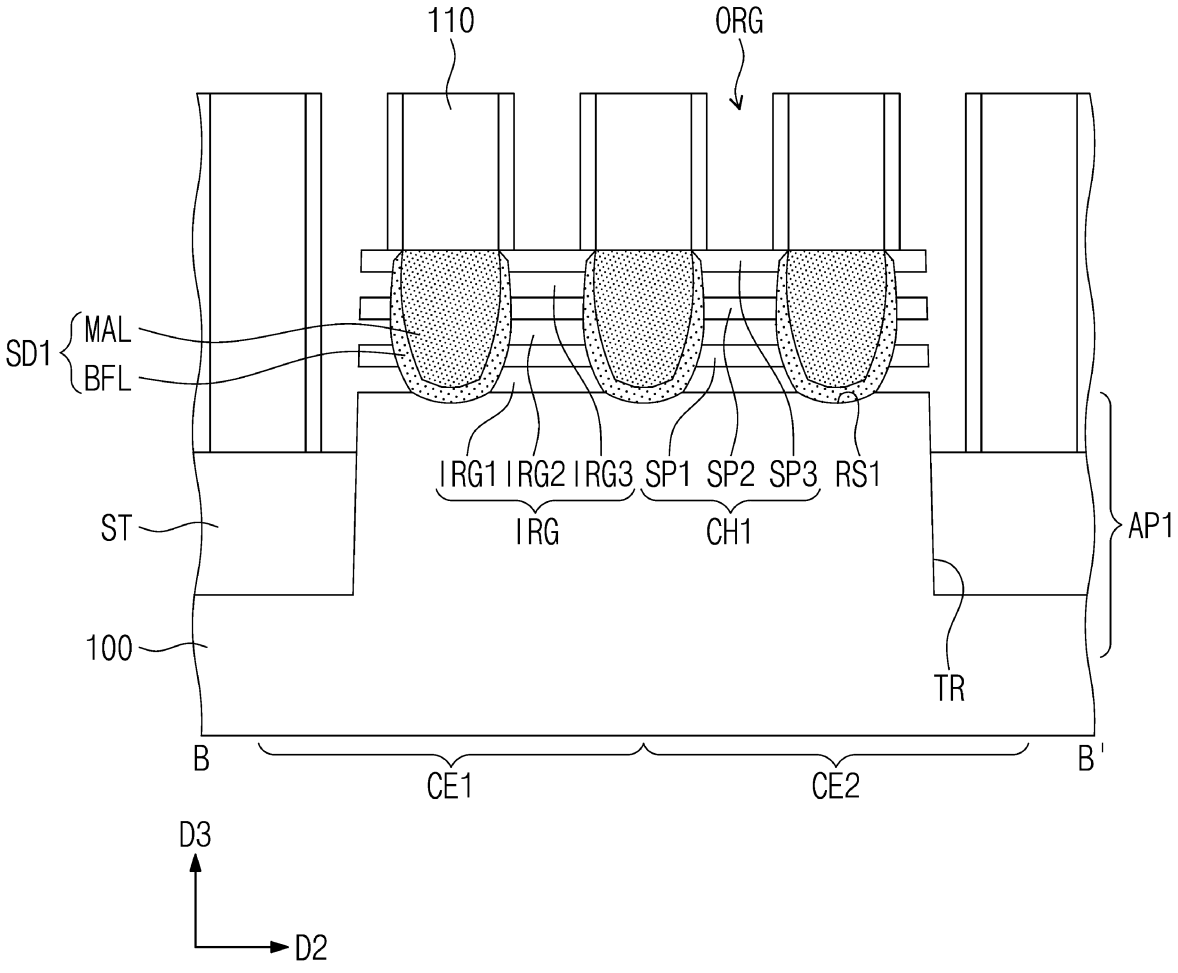

110
ORG
SD1
MAL
BFL
IRG1
IRG2
IRG3
SP1
SP2
SP3
RS1
IRG
CH1
ST
AP1
100
TR
B
B'
CE1
CE2
D3
D2

FIG. 8C

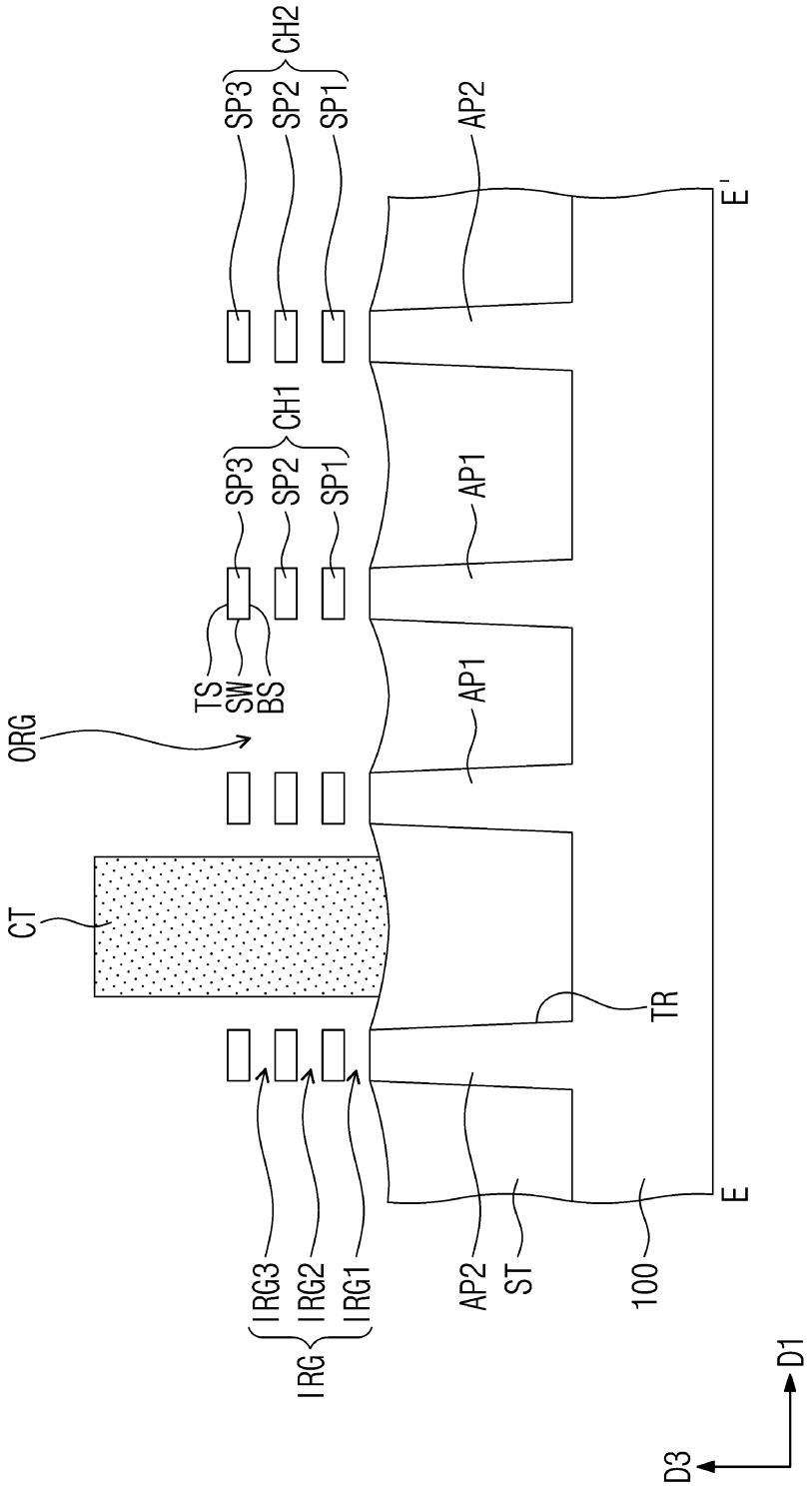

CT
ORG
TS
SW
BS
SP3
SP2
SP1
CH1
CH2
AP1
AP2
TR
IRG3
IRG2
IRG1
IRG
ST
100
E
E'
D1
D3

FIG. 9A

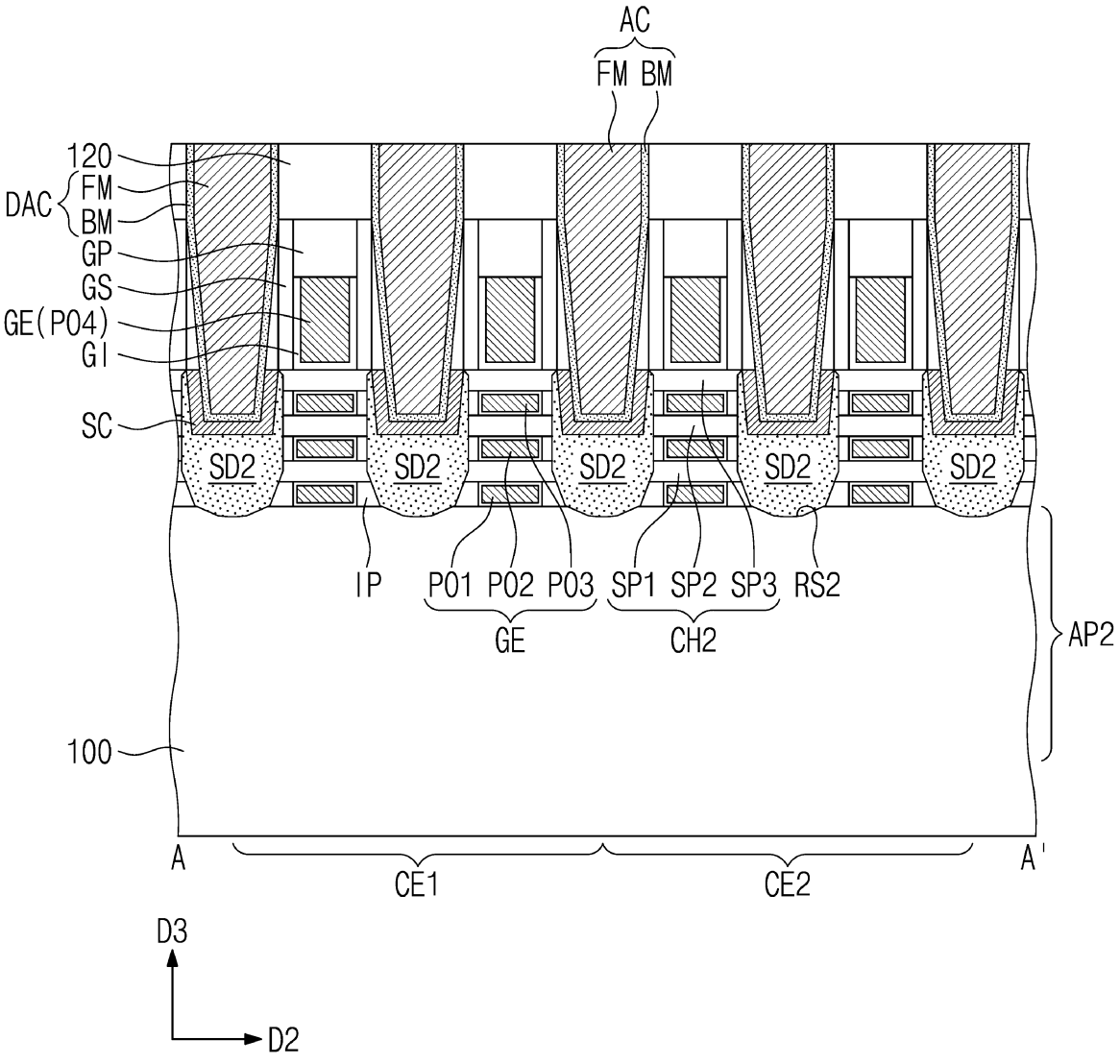

AC
FM BM
120
DAC
FM
BM
GP
GS
GE(P04)
GI
SC
SD2
SD2
SD2
SD2
SD2
IP
P01 P02 P03
SP1 SP2 SP3
RS2
GE
CH2
AP2
100
A
A'
CE1
CE2
D3
D2

FIG. 9B

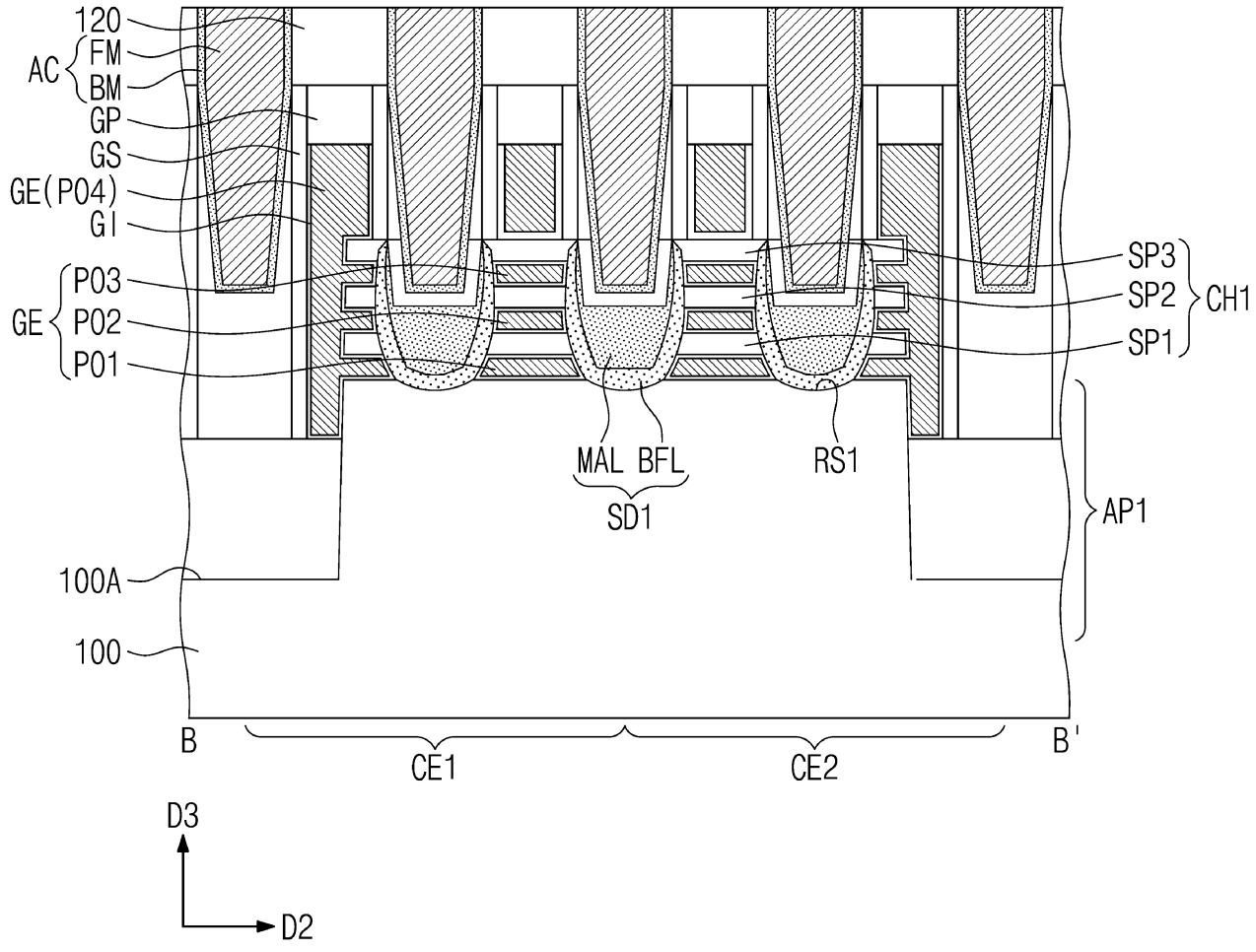

120
AC
FM
BM
GP
GS
GE(P04)
GI
GE
P03
P02
P01
SP3
SP2
SP1
CH1
MAL BFL
SD1
RS1
AP1
100A
100
B
B'
CE1
CE2
D3
D2

FIG. 9C

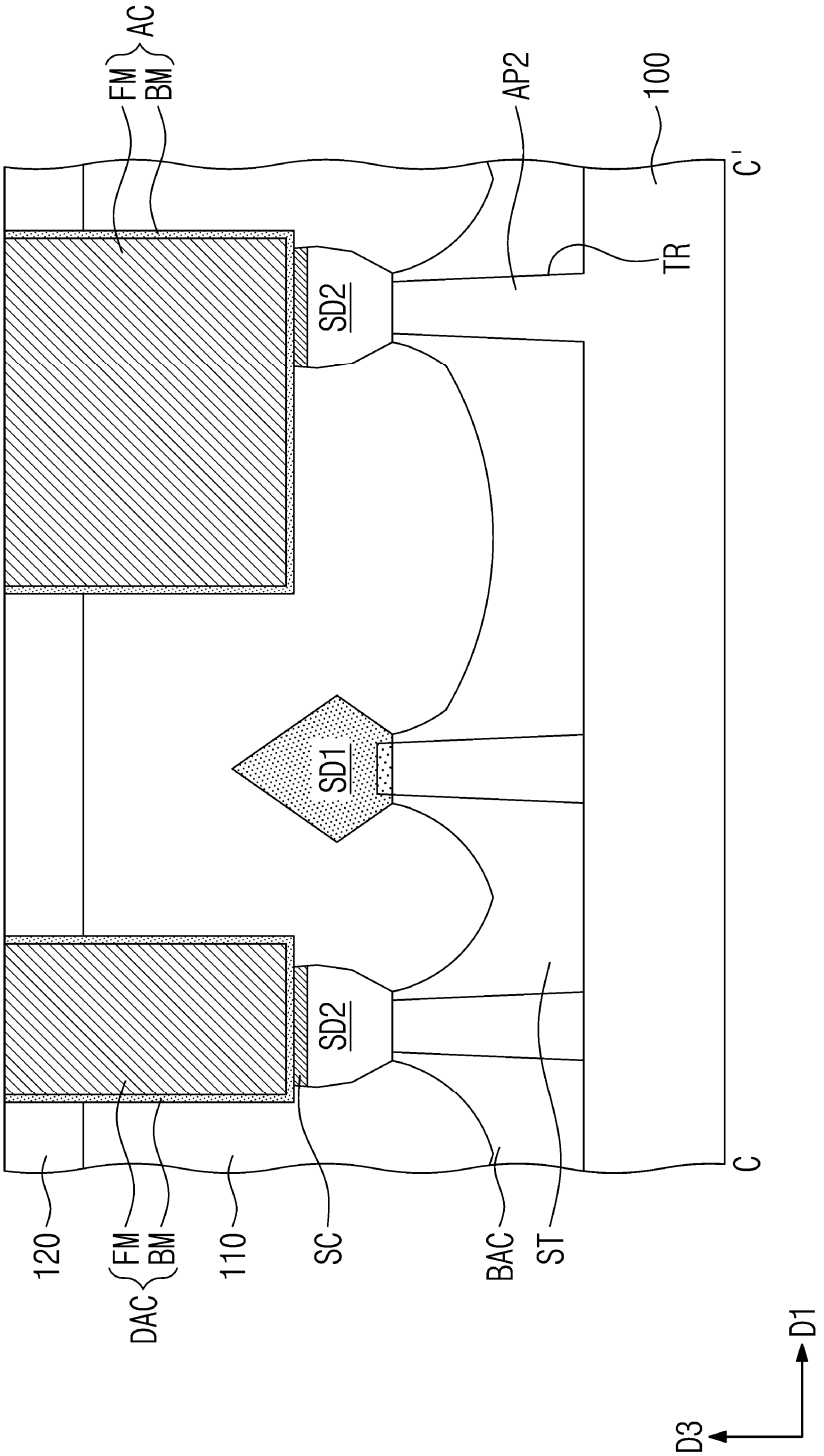


FIG. 9D

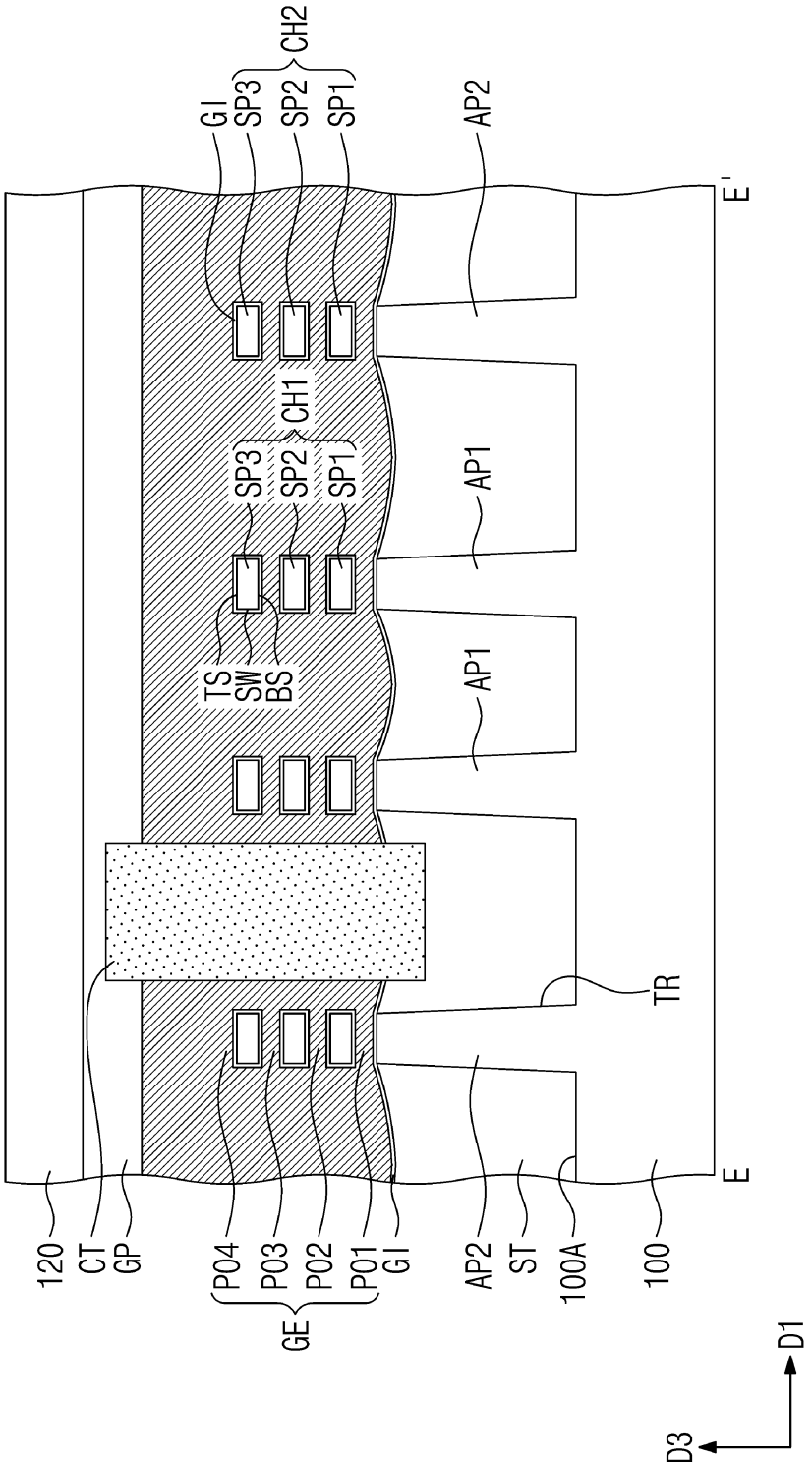

GI
SP3
SP2
SP1
CH2
AP2
E'
CH1
AP1
TS
SW
BS
TR
120
CT
GP
P04
P03
P02
P01
GI
GE
AP2
ST
100A
100
E
D3
D1

FIG. 10A

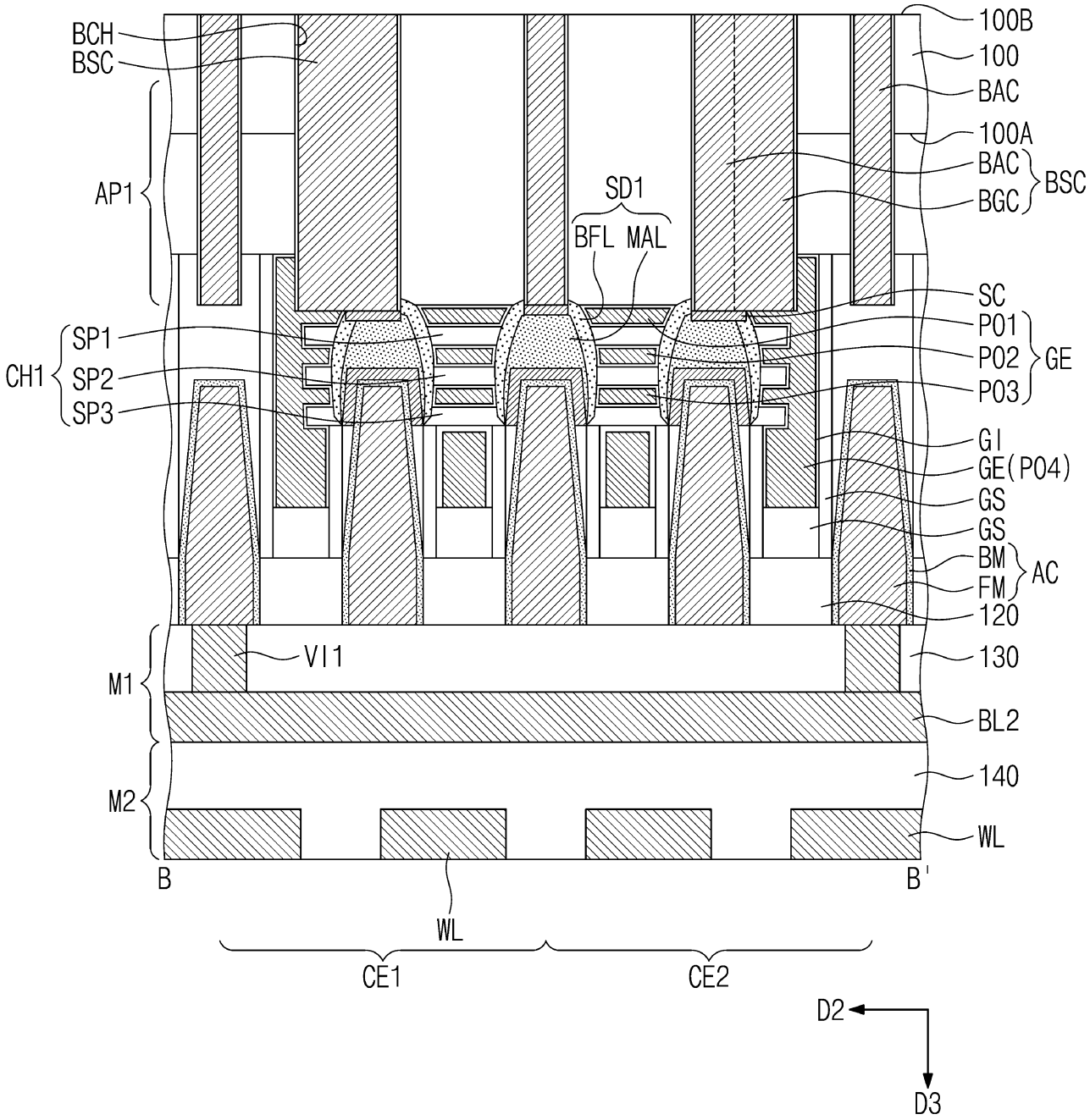

BCH
BSC
AP1
SD1
BFL MAL
100B
100
BAC
100A
BAC
BGC
BSC
SC
SP1
SP2
SP3
CH1
P01
P02
P03
GE
GI
GE(P04)
GS
GS
BM
FM
AC
120
VI1
130
M1
BL2
M2
140
WL
B
B'
WL
CE1
CE2
D2
D3

FIG. 10B

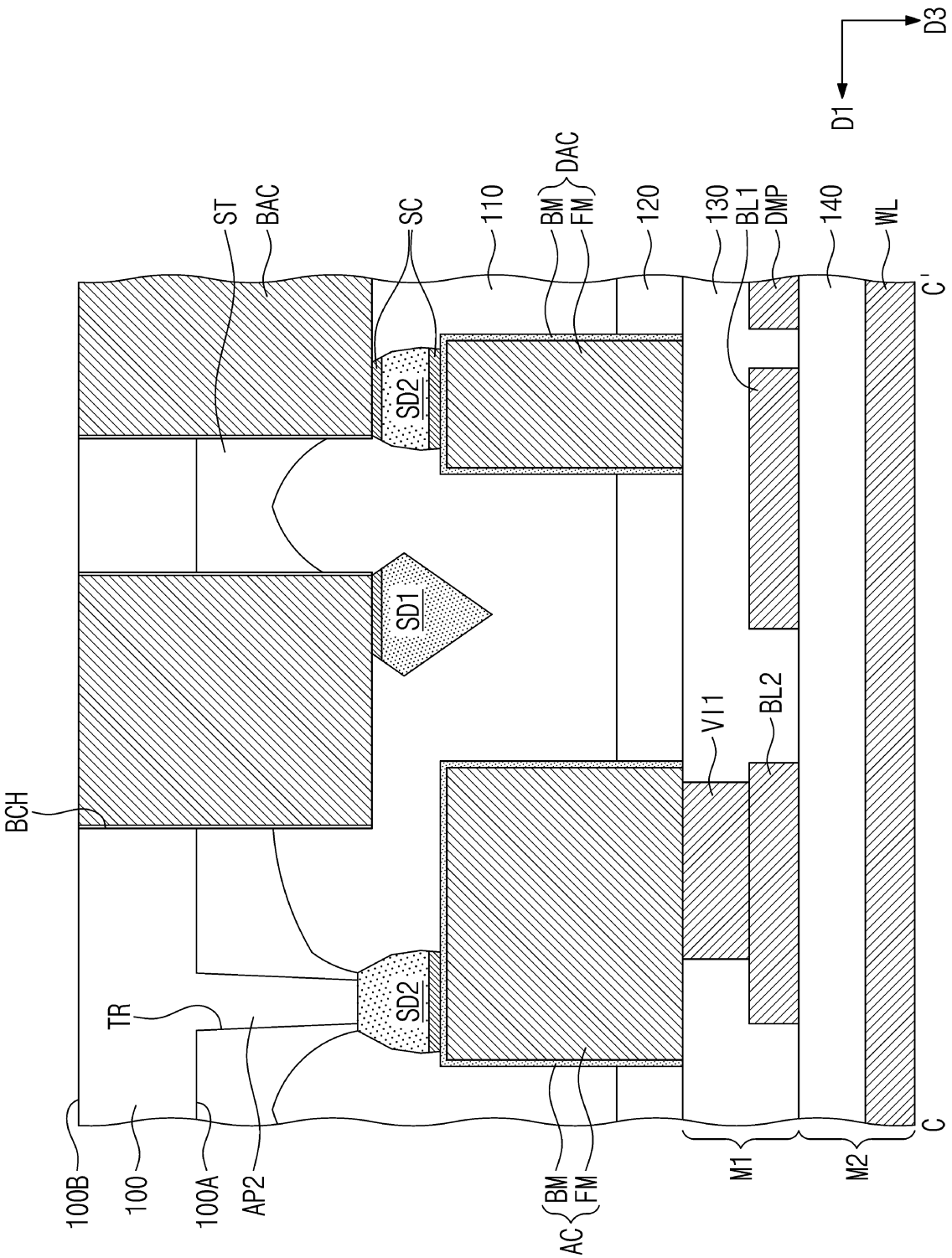

D3
D1
ST
BAC
SC
110
BM
FM
DAC
120
130
BL1
DMP
140
WL
C'
SD2
SD1
SD2
BCH
TR
VI1
BL2
100B
100
100A
AP2
BM
FM
AC
M1
M2
C

FIG. 10C

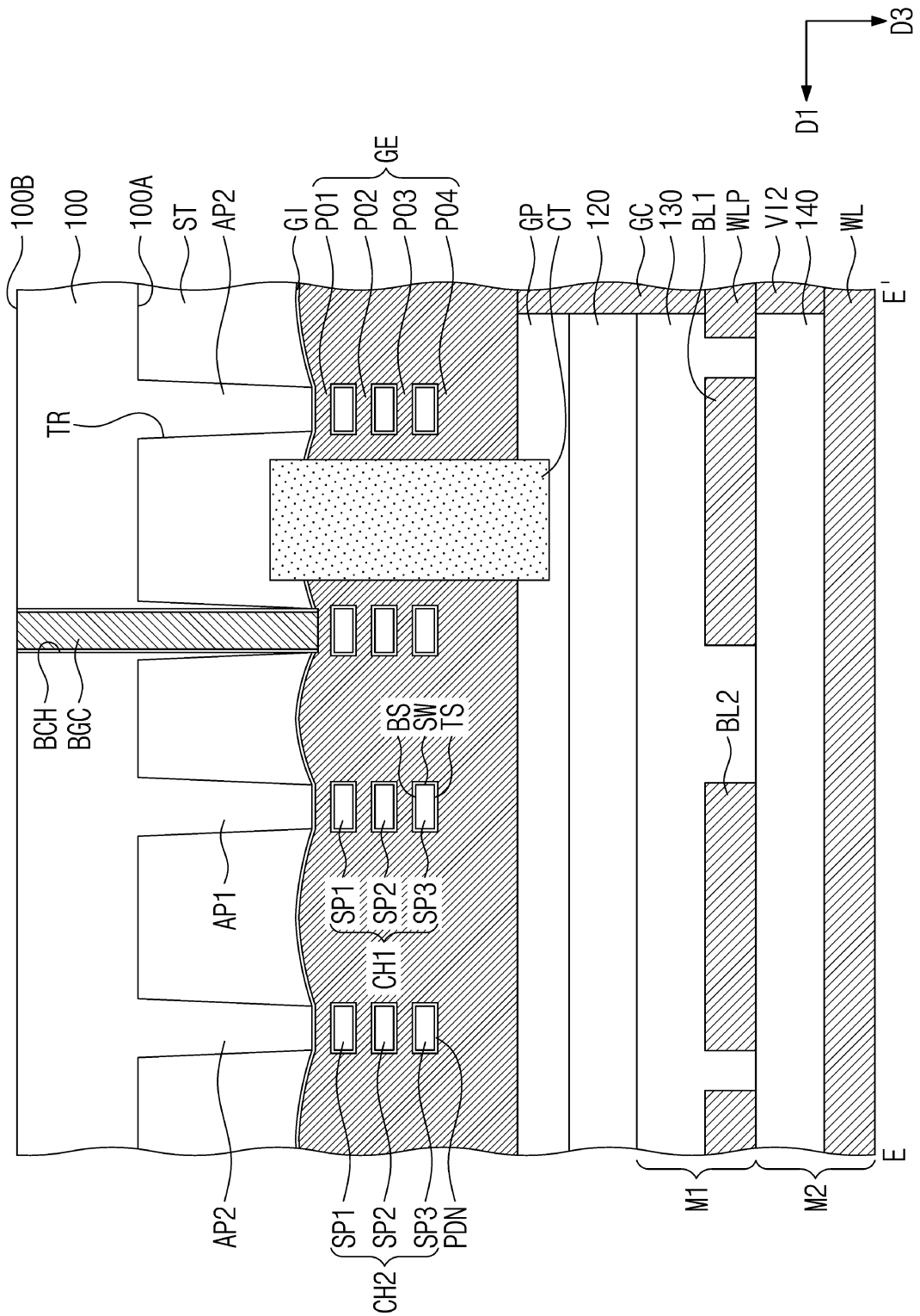

D3
D1
100B
100
100A
ST
AP2
GI
GE
PO1
PO2
PO3
PO4
GP
CT
120
GC
130
BL1
WLP
VI2
140
WL
E'
TR
BCH
BGC
BS
SW
TS
BL2
AP1
SP1
SP2
SP3
CH1
AP2
SP1
SP2
SP3
PDN
CH2
M1
M2
E

FIG. 11

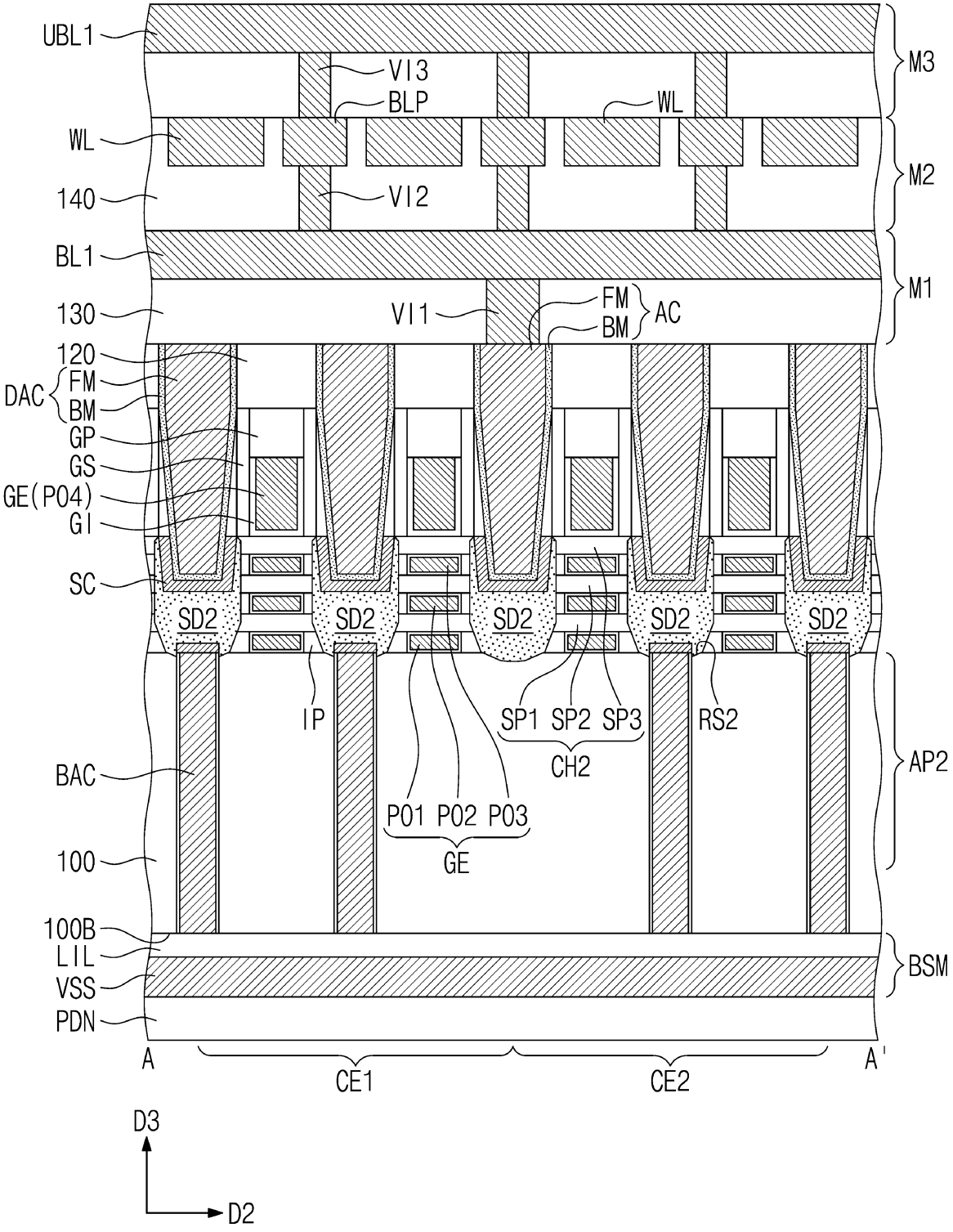

UBL1
VI3
BLP
WL
M3
WL
M2
140
VI2
BL1
M1
130
VI1
FM
BM
AC
120
DAC
FM
BM
GP
GS
GE(P04)
GI
SC
SD2
SD2
SD2
SD2
SD2
IP
SP1 SP2 SP3
CH2
RS2
AP2
BAC
P01 P02 P03
GE
100
100B
LIL
VSS
BSM
PDN
A
CE1
CE2
A'
D3
D2

FIG. 12

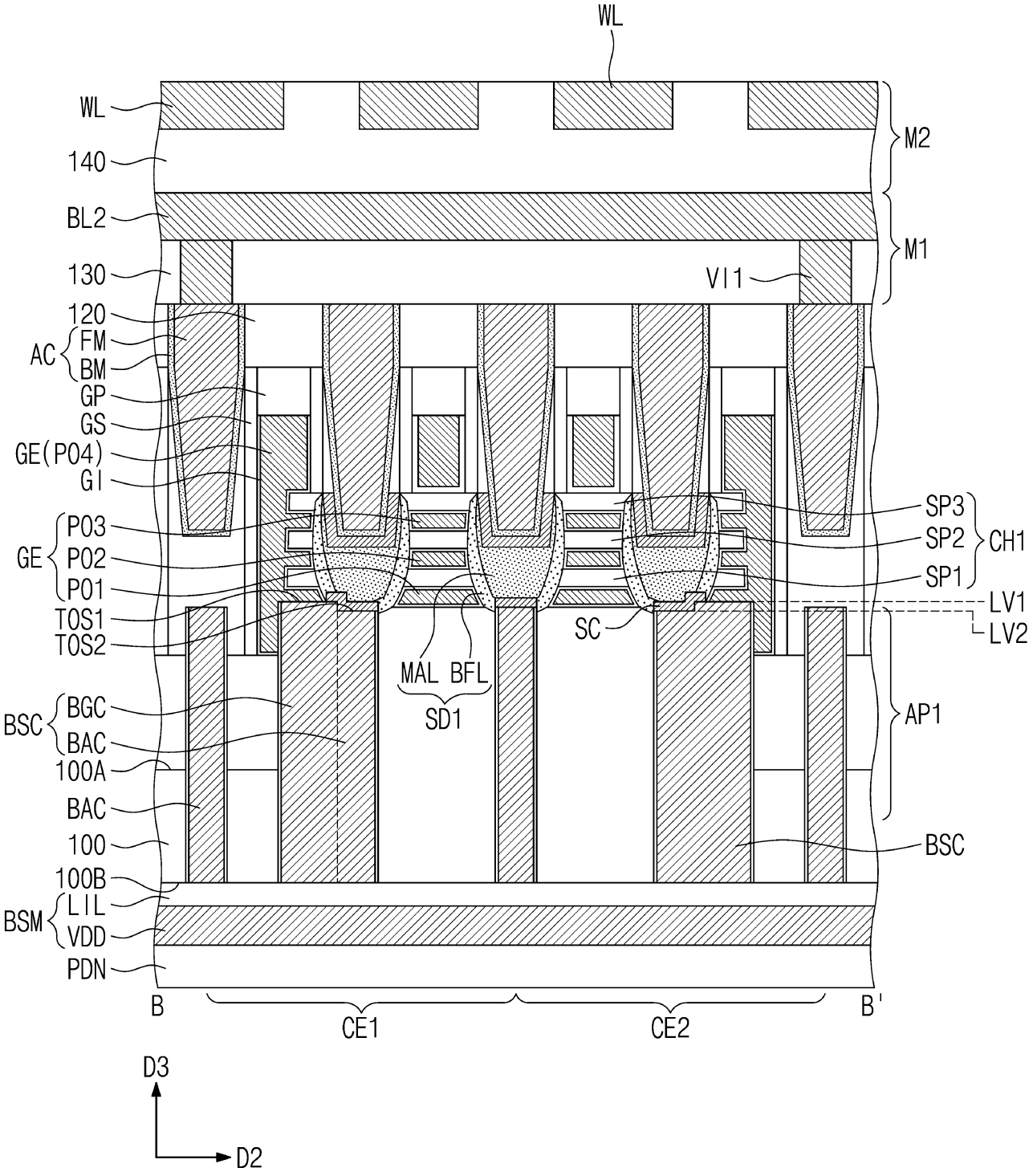

WL
WL
140
BL2
130
120
AC
FM
BM
GP
GS
GE(P04)
GI
GE
P03
P02
P01
TOS1
TOS2
BSC
BGC
BAC
100A
BAC
100
100B
BSM
LIL
VDD
PDN
M2
M1
VI1
SP3
SP2
SP1
CH1
LV1
LV2
SC
MAL BFL
SD1
AP1
BSC
B
B'
CE1
CE2
D3
D2

FIG. 13

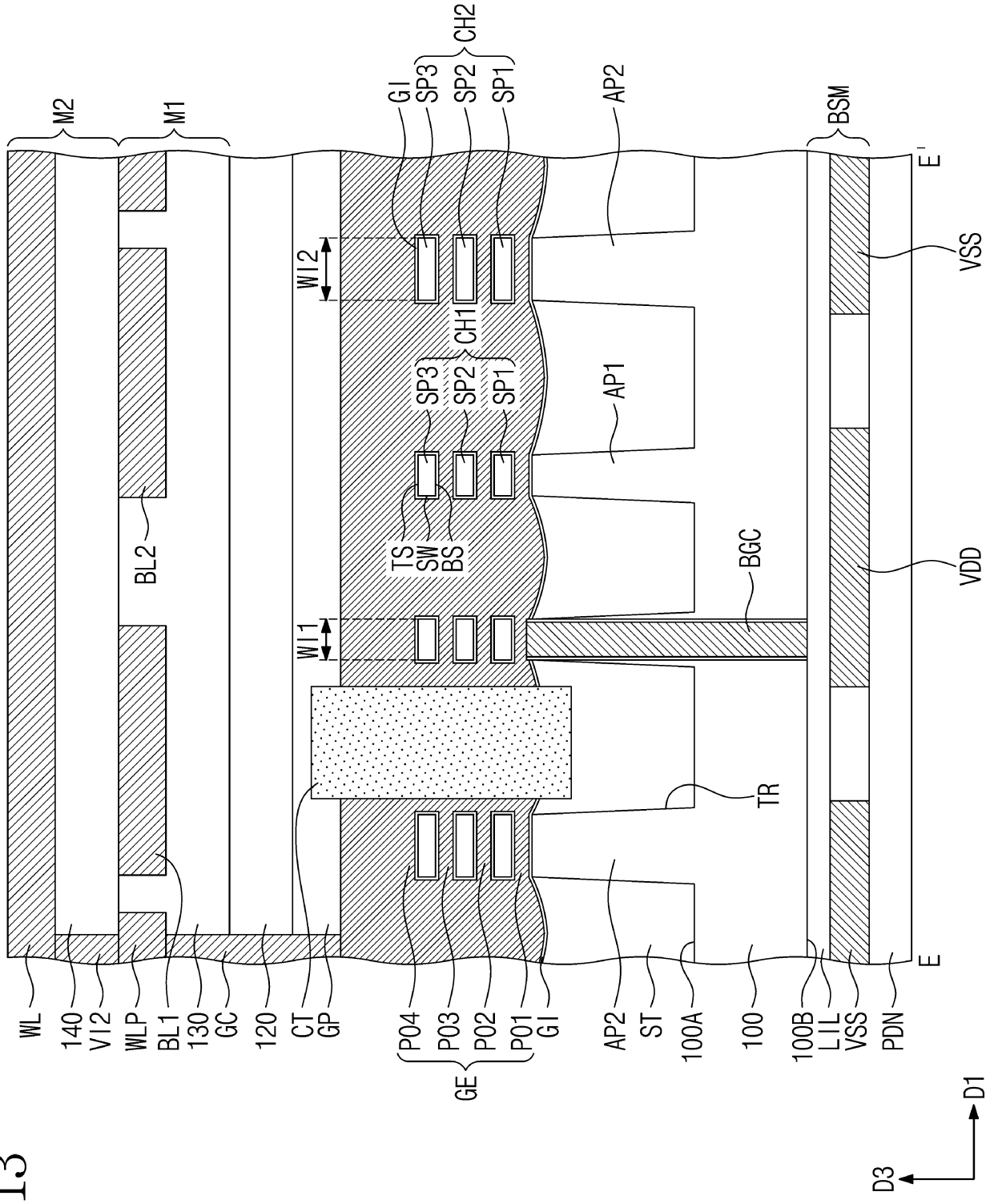

M2
M1
GI
SP3
SP2
SP1
CH2
AP2
BSM
E'
WI2
CH1
SP3
SP2
SP1
AP1
VSS
BL2
TS
SW
BS
BGC
VDD
WI1
TR
E
WL
140
VI2
WLP
BL1
130
GC
120
CT
GP
P04
P03
P02
P01
GI
AP2
ST
100A
100
100B
LIL
VSS
PDN
GE
D3
D1

FIG. 14

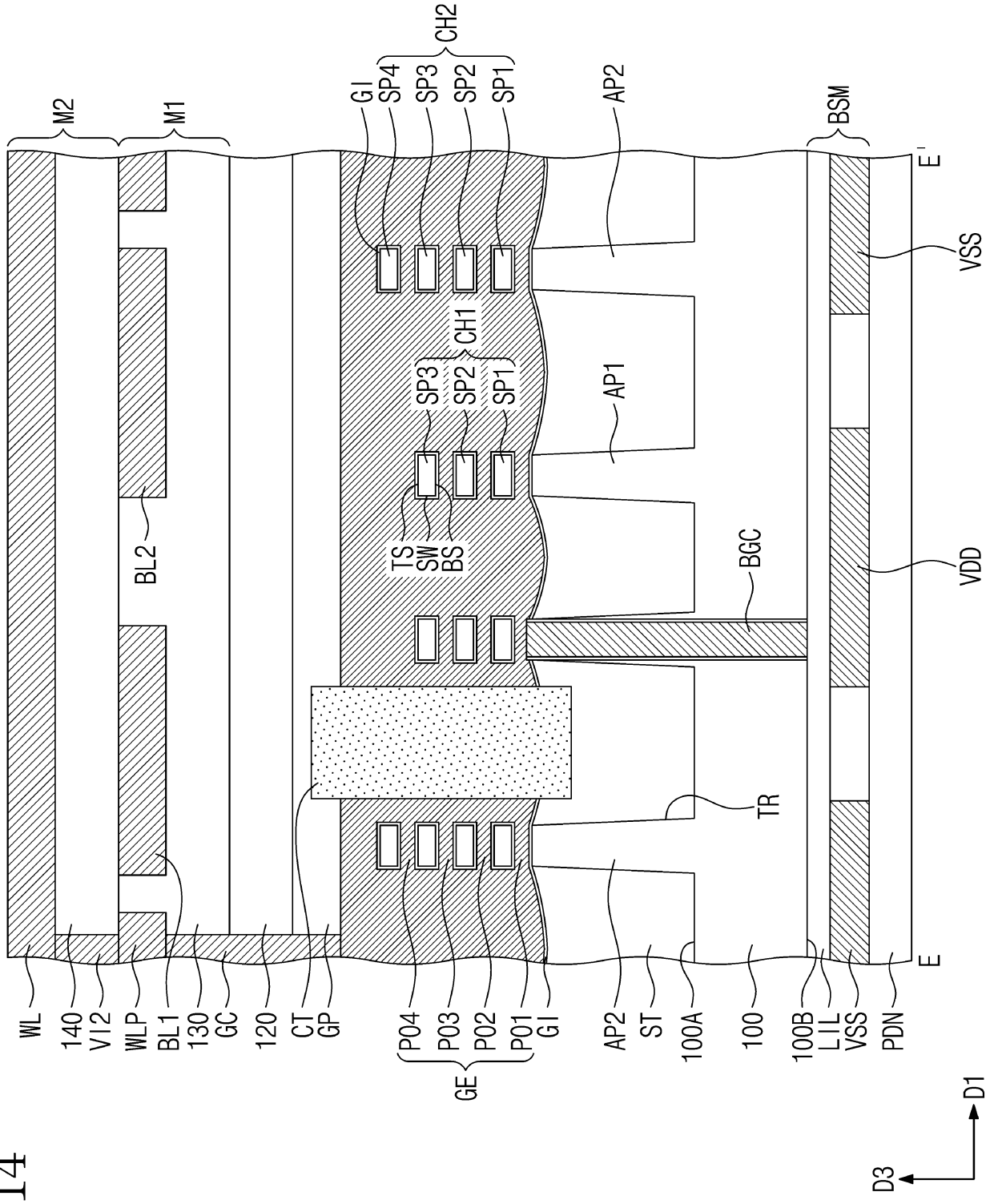

M2
M1
CH2
GI
SP4
SP3
SP2
SP1
AP2
BSM
E'
VSS
CH1
SP3
SP2
SP1
AP1
BL2
TS
SW
BS
BGC
VDD
TR
WL
140
VI2
WLP
BL1
130
GC
120
CT
GP
P04
P03
P02
P01
GI
AP2
ST
100A
100
100B
LIL
VSS
PDN
GE
E
D3
D1

FIG. 15

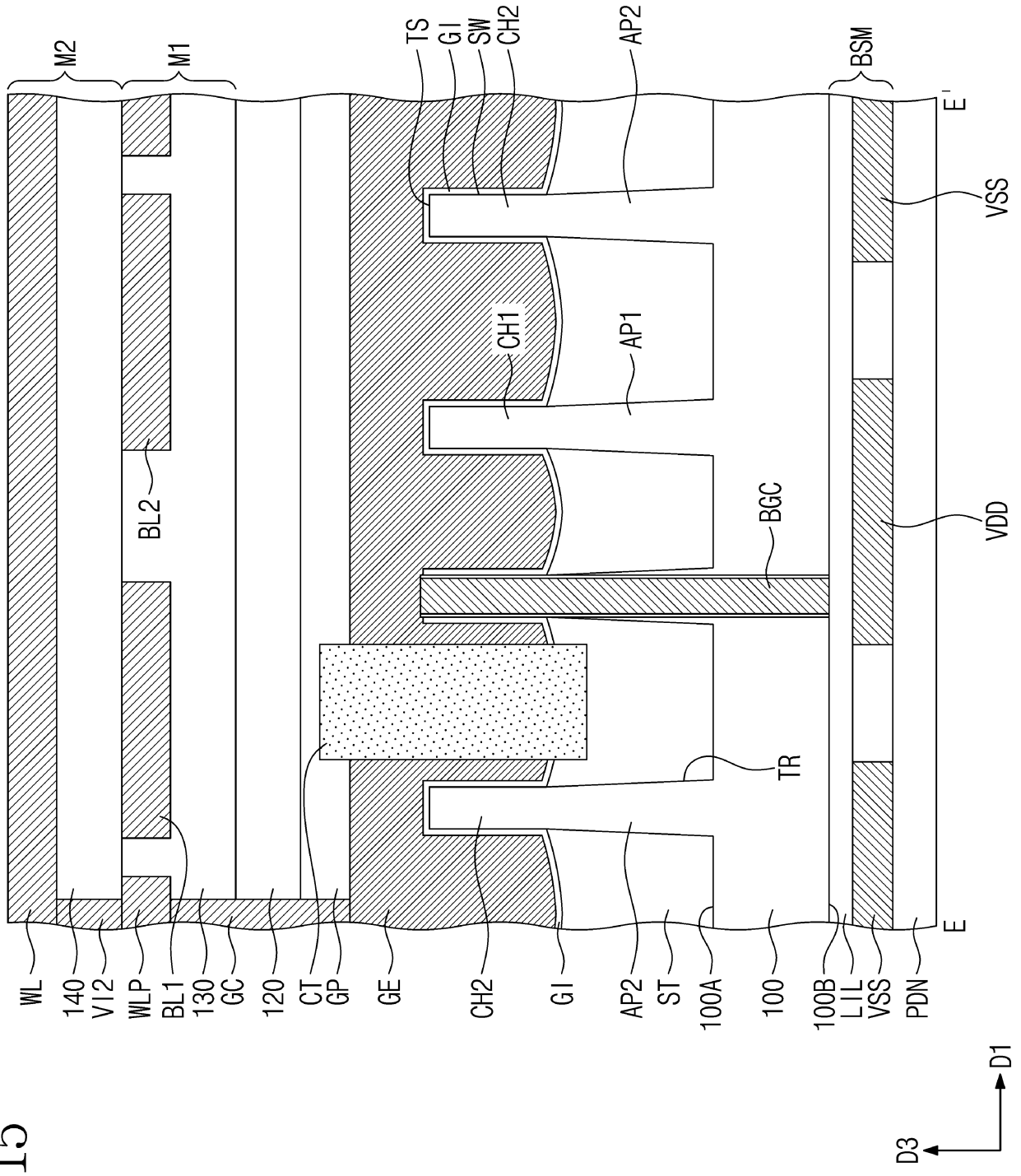

M2
M1
TS
GI
SW
CH2
AP2
BSM
E'
VSS
CH1
AP1
BL2
BGC
VDD
TR
WL
140
V12
WLP
BL1
130
GC
120
CT
GP
GE
CH2
GI
AP2
ST
100A
100
100B
LIL
VSS
PDN
E
D3
D1

FIG. 16A

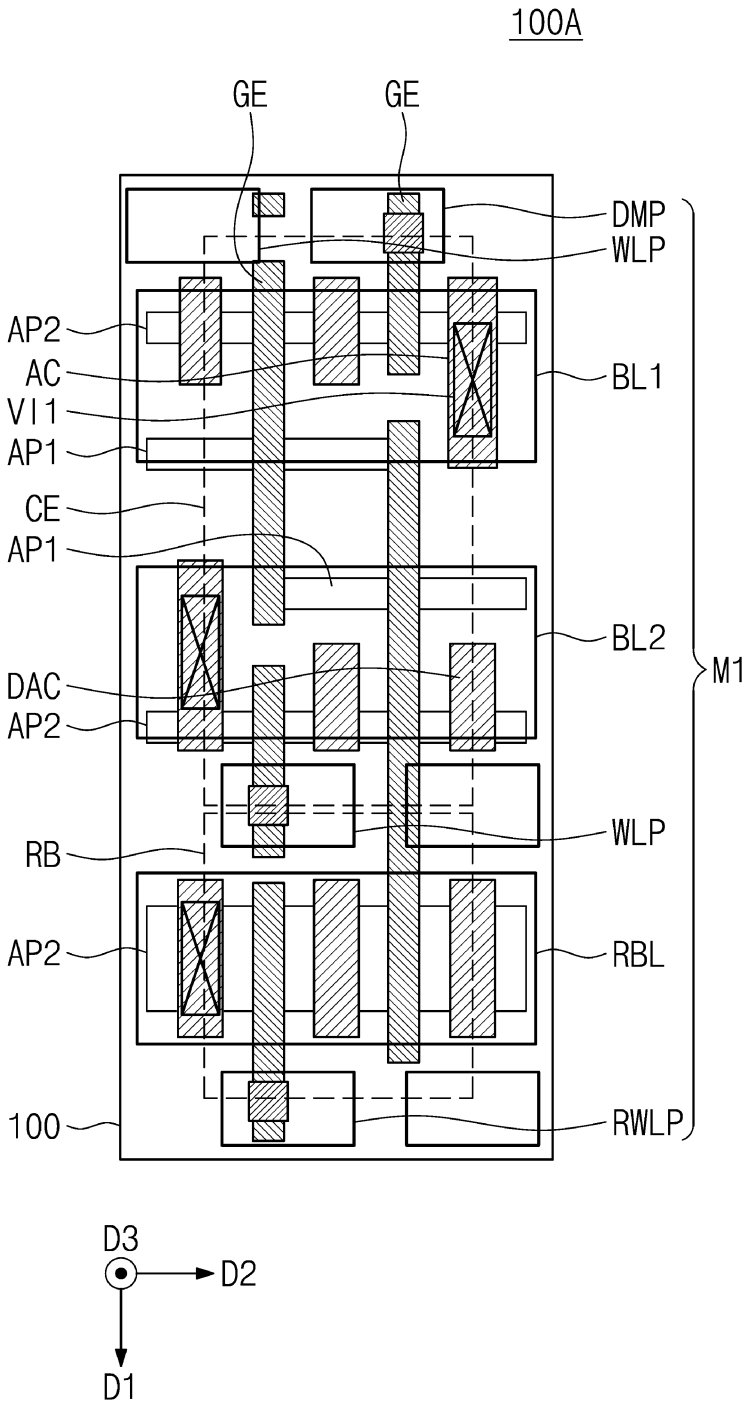
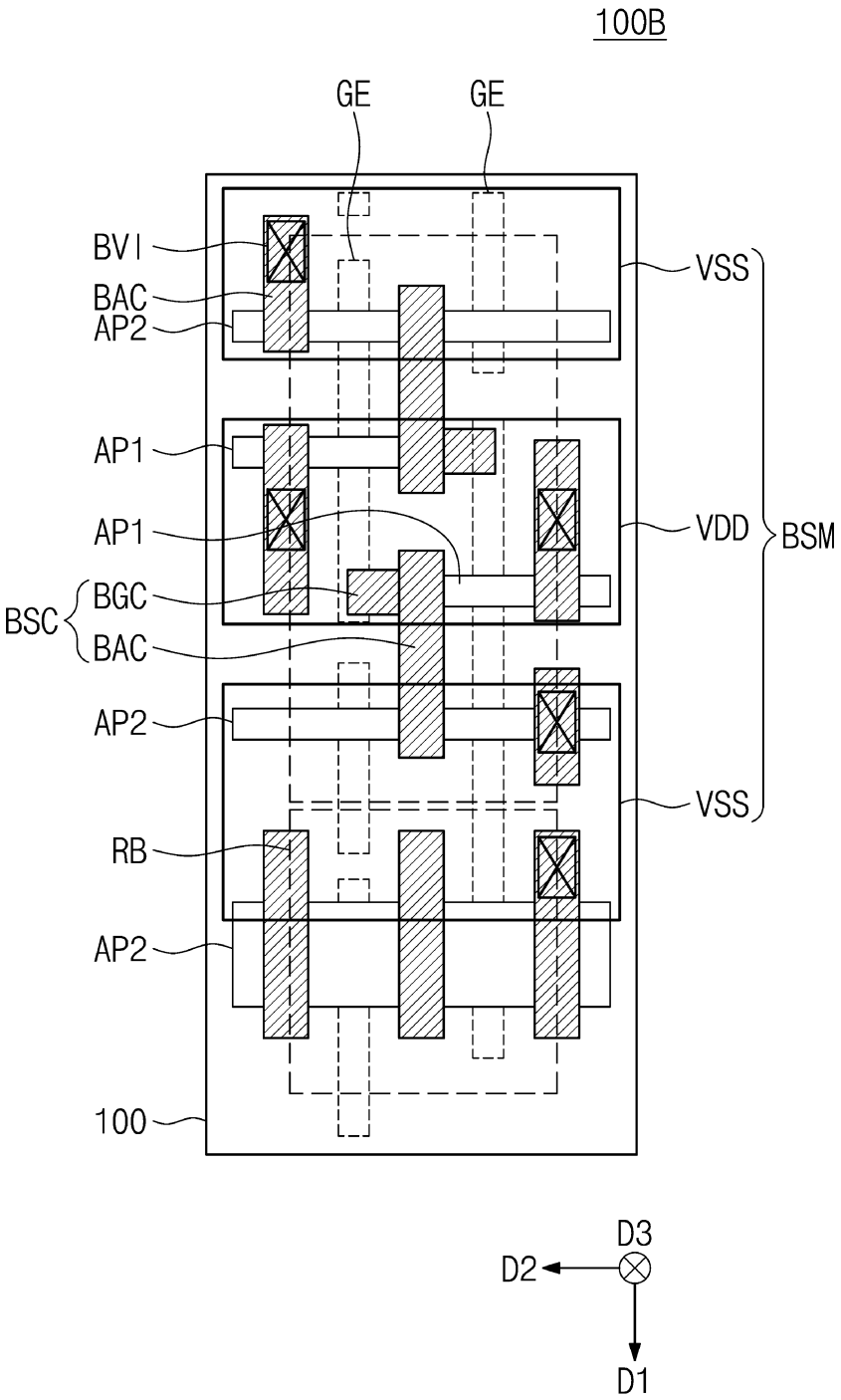

100A
GE
GE
DMP
WLP
AP2
AC
VI1
AP1
BL1
CE
AP1
BL2
M1
DAC
AP2
WLP
RB
AP2
RBL
100
RWLP
D3
D2
D1

FIG. 16B


100B
GE
GE
BVI
BAC
AP2
VSS
AP1
AP1
VDD
BSM
BSC
BGC
BAC
AP2
VSS
RB
AP2
100
D3
D2
D1