FIG. 1

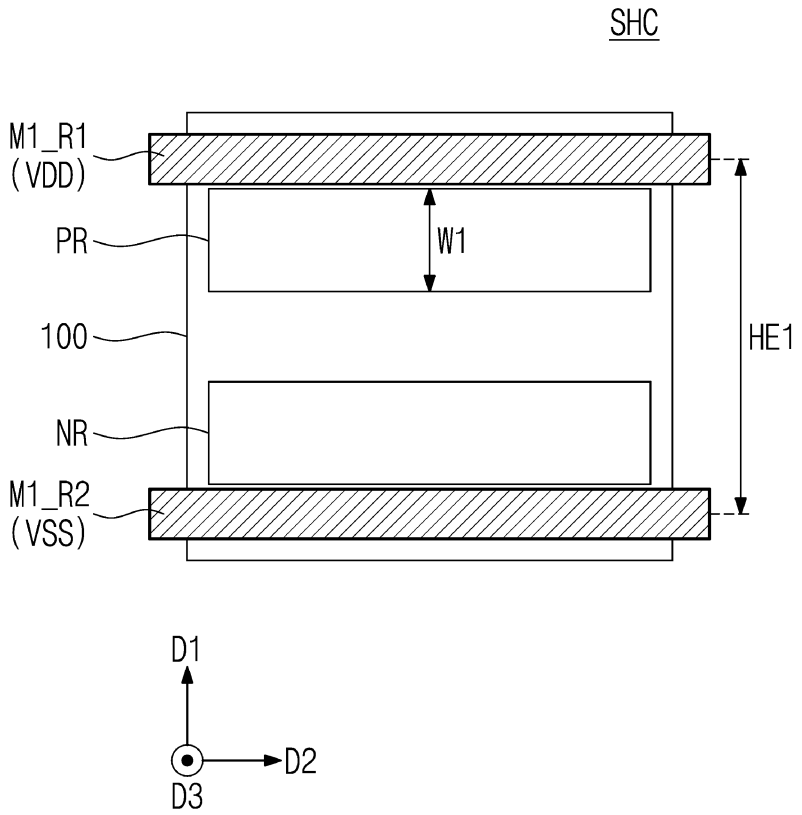


FIG. 2

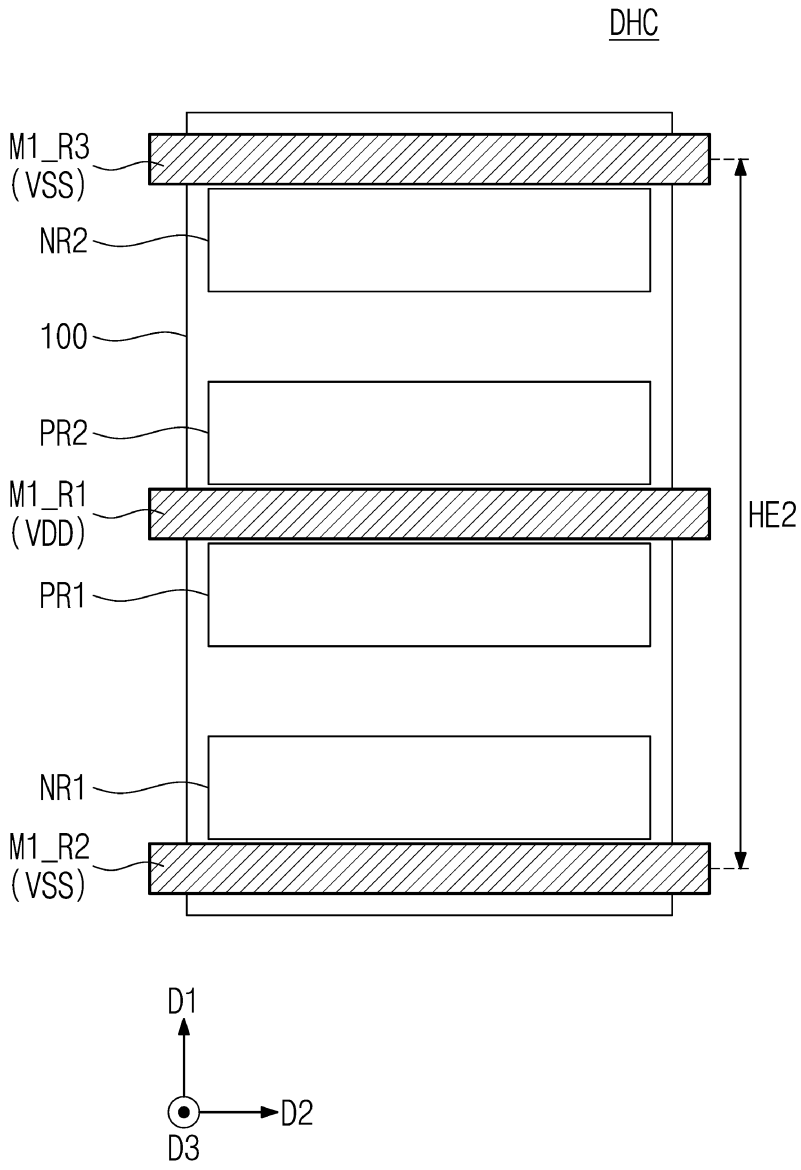


FIG. 3

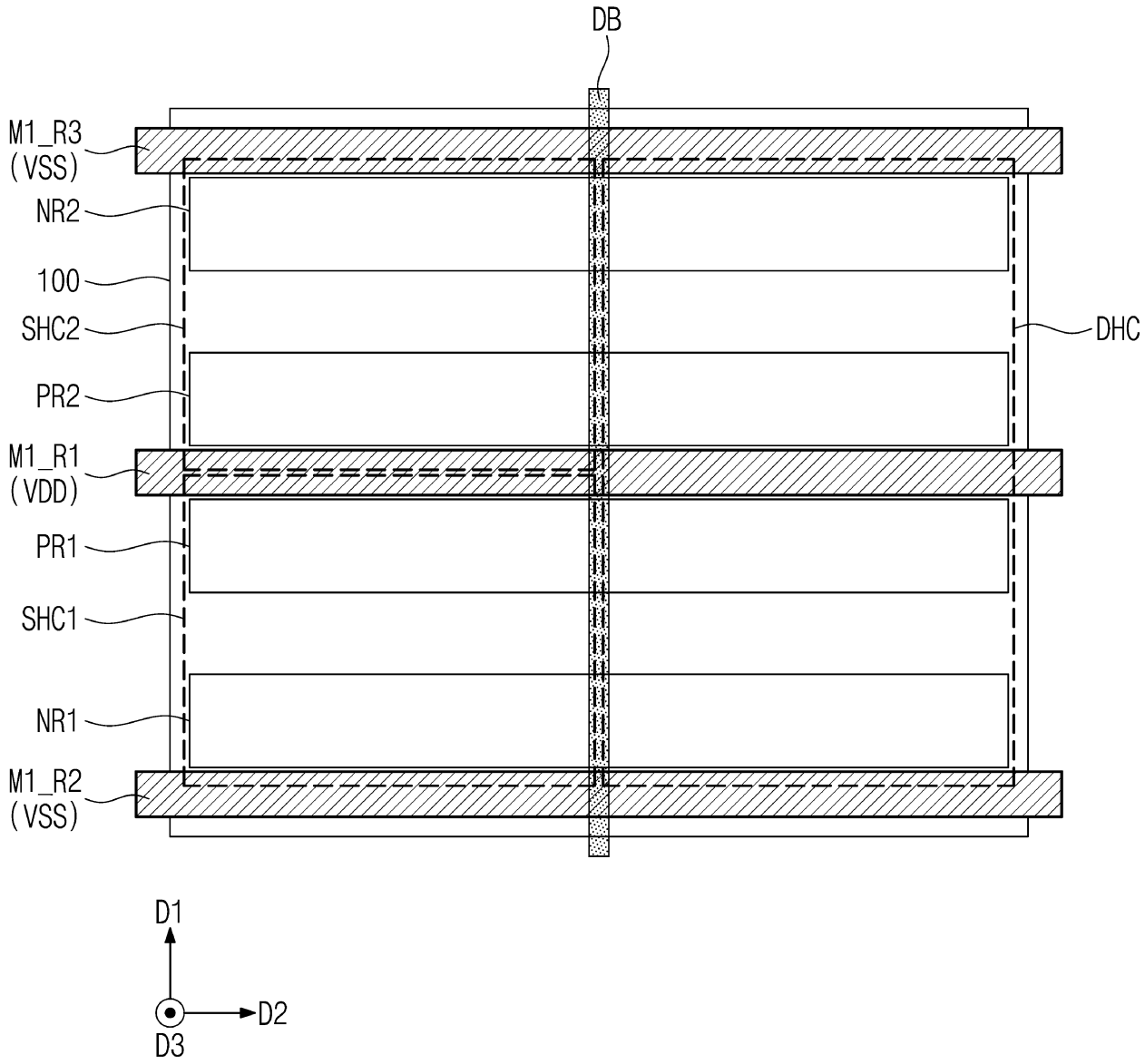

DB
M1_R3
(VSS)
NR2
100
SHC2
DHC
PR2
M1_R1
(VDD)
PR1
SHC1
NR1
M1_R2
(VSS)
D1
D2
D3

FIG. 4

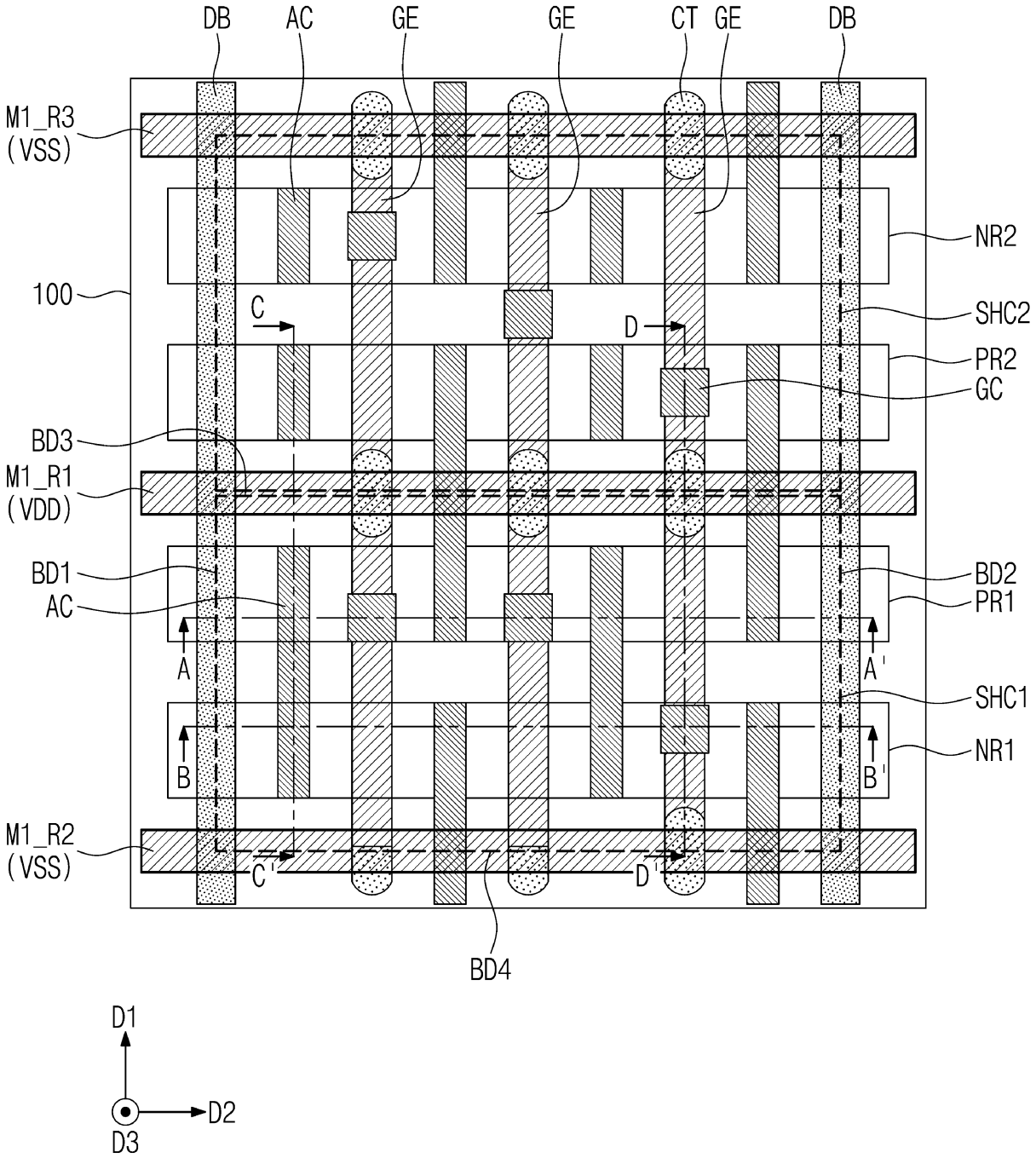

DB
AC
GE
GE
CT
GE
DB
M1_R3
(VSS)
NR2
100
C
D
SHC2
PR2
GC
BD3
M1_R1
(VDD)
BD1
AC
BD2
PR1
A
A'
SHC1
B
B'
NR1
M1_R2
(VSS)
C'
D'
BD4
D1
D2
D3

FIG. 5A

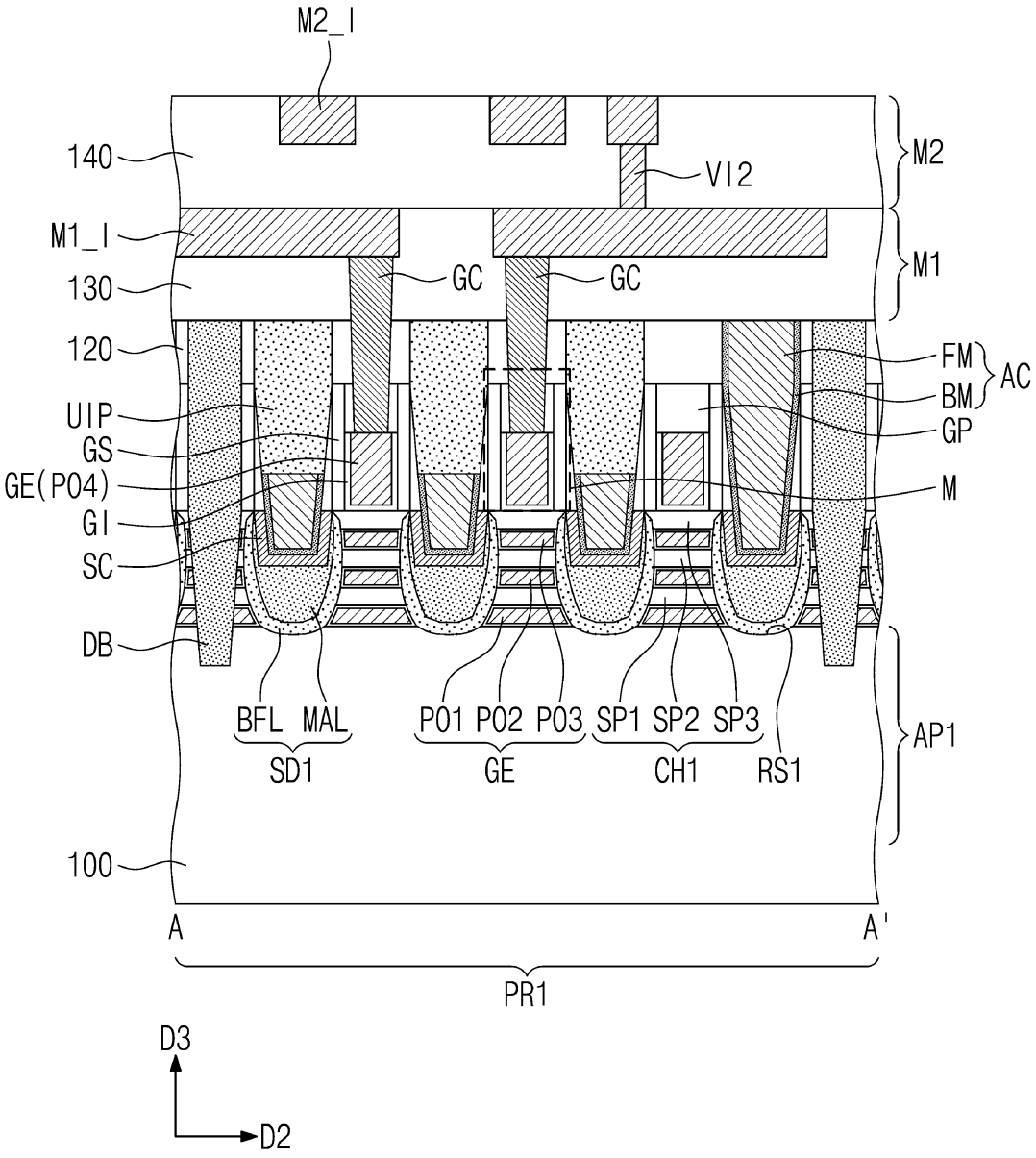

M2_I
140
VI2
M2
M1_I
M1
130
GC
GC
120
FM
AC
BM
UIP
GP
GS
GE(PO4)
M
GI
SC
DB
BFL
MAL
SD1
PO1
PO2
PO3
GE
SP1
SP2
SP3
CH1
RS1
AP1
100
A
A'
PR1
D3
D2

FIG. 5B

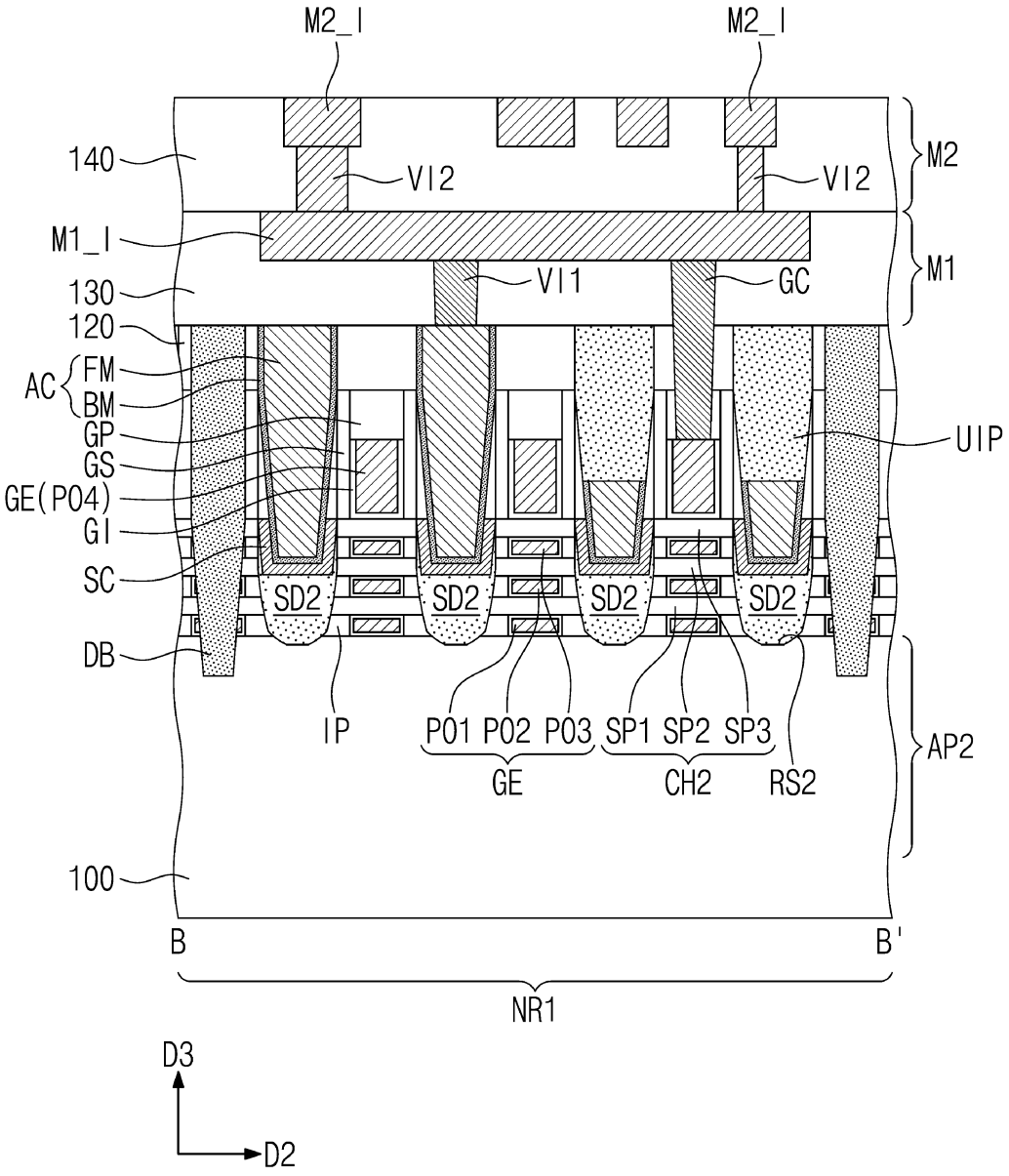

M2_I
M2_I
140
VI2
VI2
M2
M1_I
M1
130
VI1
GC
120
AC
FM
BM
GP
GS
GE(P04)
GI
SC
UIP
SD2
SD2
SD2
SD2
DB
IP
P01 P02 P03
SP1 SP2 SP3
GE
CH2
RS2
AP2
100
B
B'
NR1
D3
D2

FIG. 5C

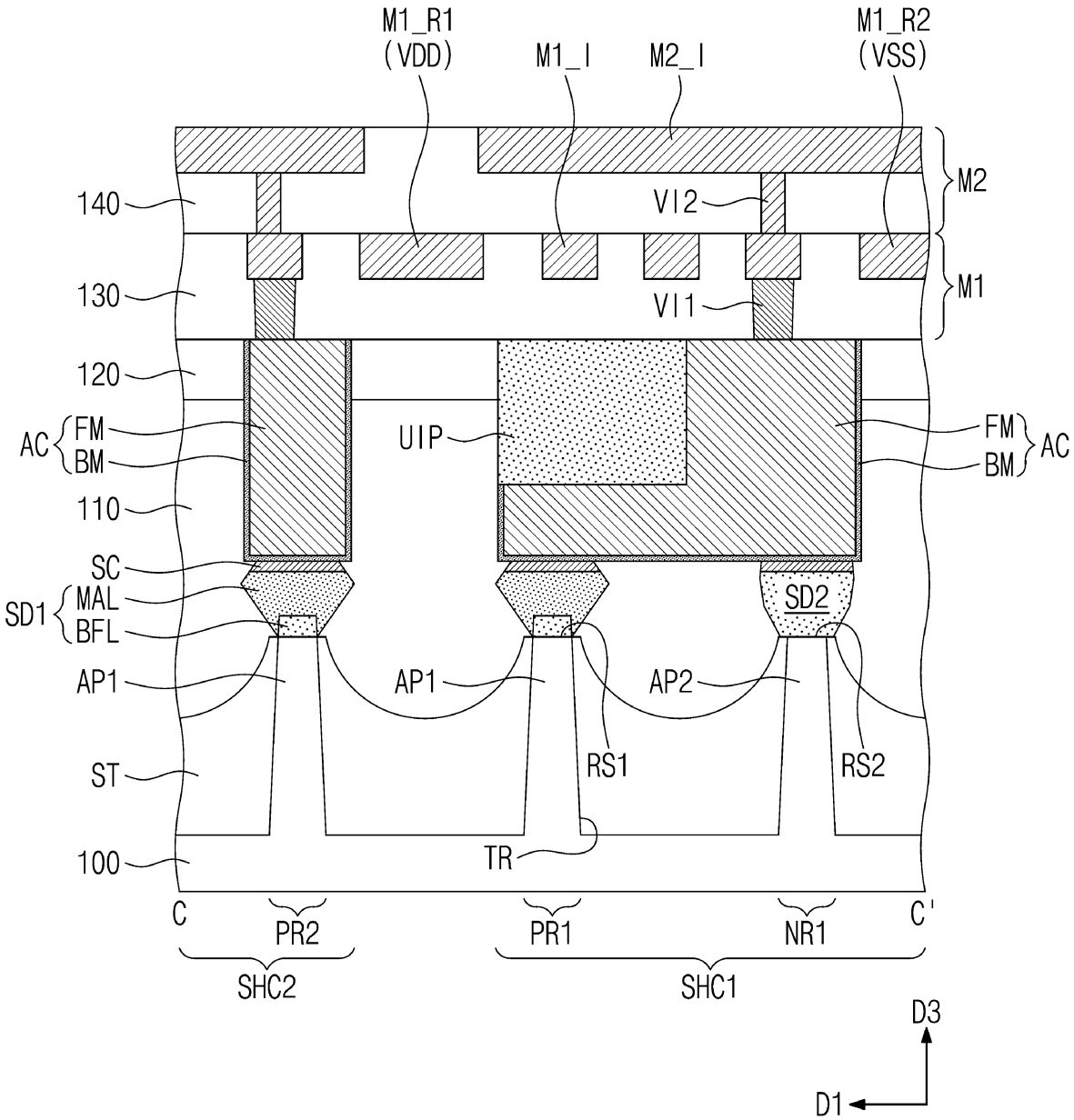

M1_R1
(VDD)
M1_I
M2_I
M1_R2
(VSS)
M2
VI2
140
130
M1
VI1
120
AC
FM
BM
UIP
FM
BM
AC
110
SC
SD1
MAL
BFL
SD2
AP1
AP1
AP2
ST
RS1
RS2
100
TR
C
PR2
PR1
NR1
C'
SHC2
SHC1
D3
D1

FIG. 5D

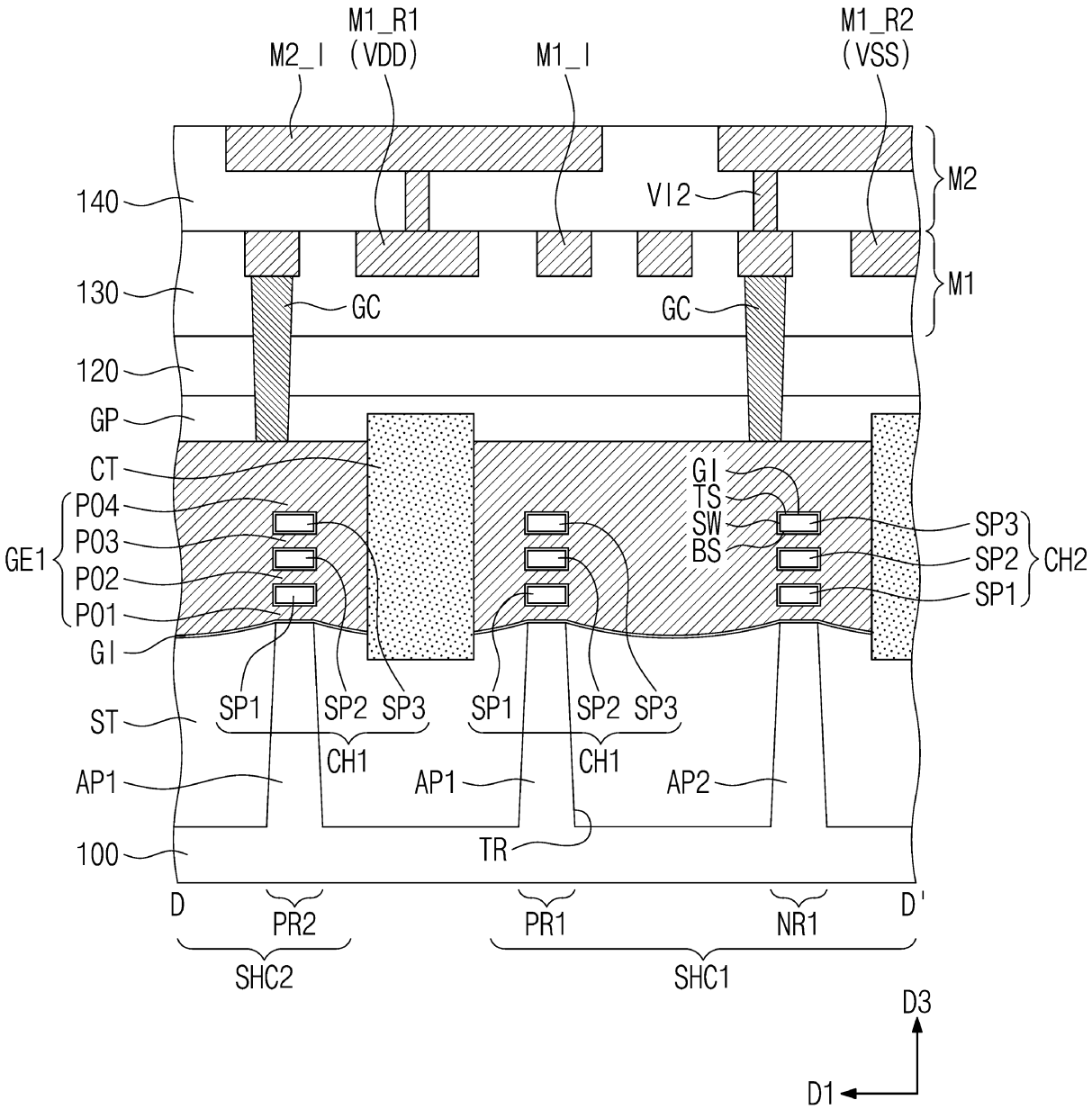

M1_R1
M2_I (VDD)
M1_I
M1_R2
(VSS)
M2
VI2
140
130
M1
GC
GC
120
GP
CT
GI
TS
SW
BS
SP3
SP2
SP1
CH2
GE1
P04
P03
P02
P01
GI
SP1
SP2 SP3
SP1
SP2 SP3
ST
CH1
CH1
AP1
AP1
AP2
TR
100
D
PR2
PR1
NR1
D'
SHC2
SHC1
D3
D1

FIG. 6

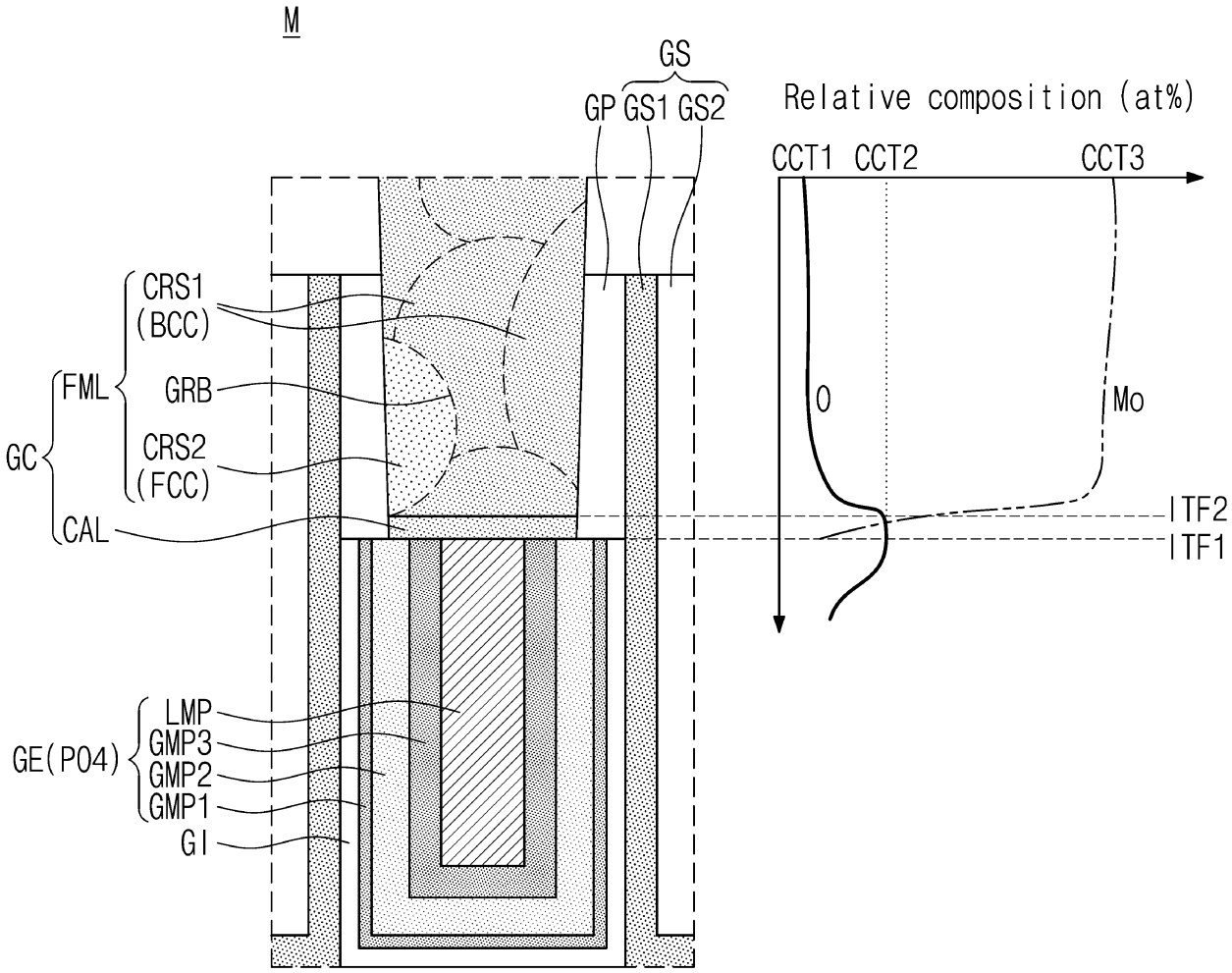

M
GS
GP
GS1
GS2
Relative composition (at%)
CCT1
CCT2
CCT3
CRS1
(BCC)
FML
GRB
CRS2
(FCC)
GC
CAL
O
Mo
ITF2
ITF1
LMP
GMP3
GMP2
GMP1
GE(PO4)
GI

FIG. 7A

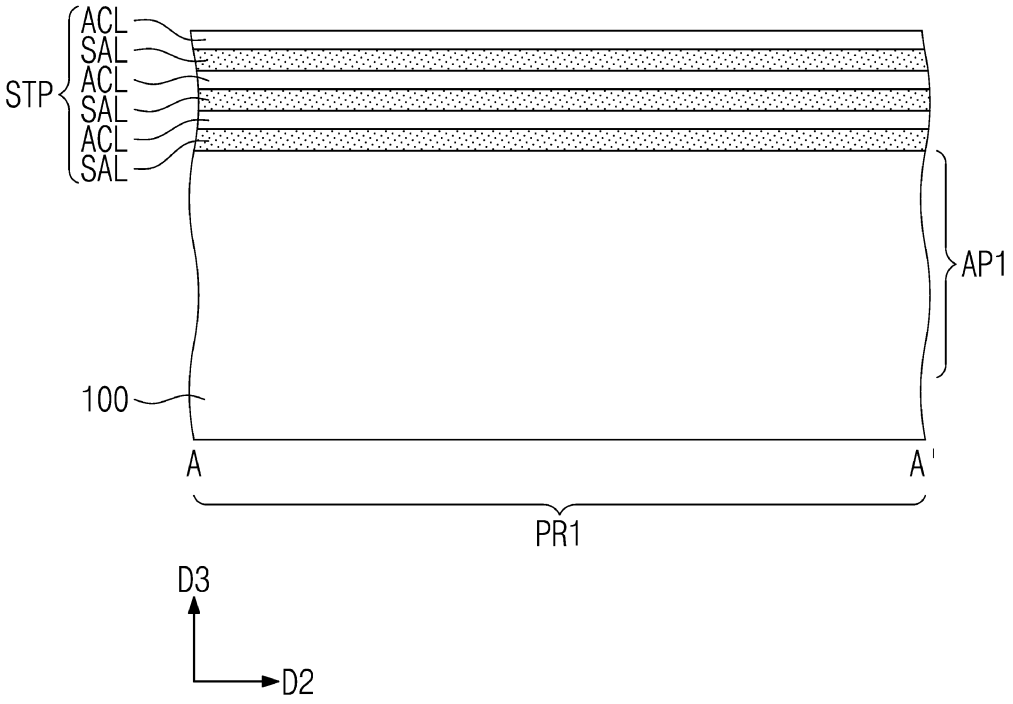


FIG. 7B

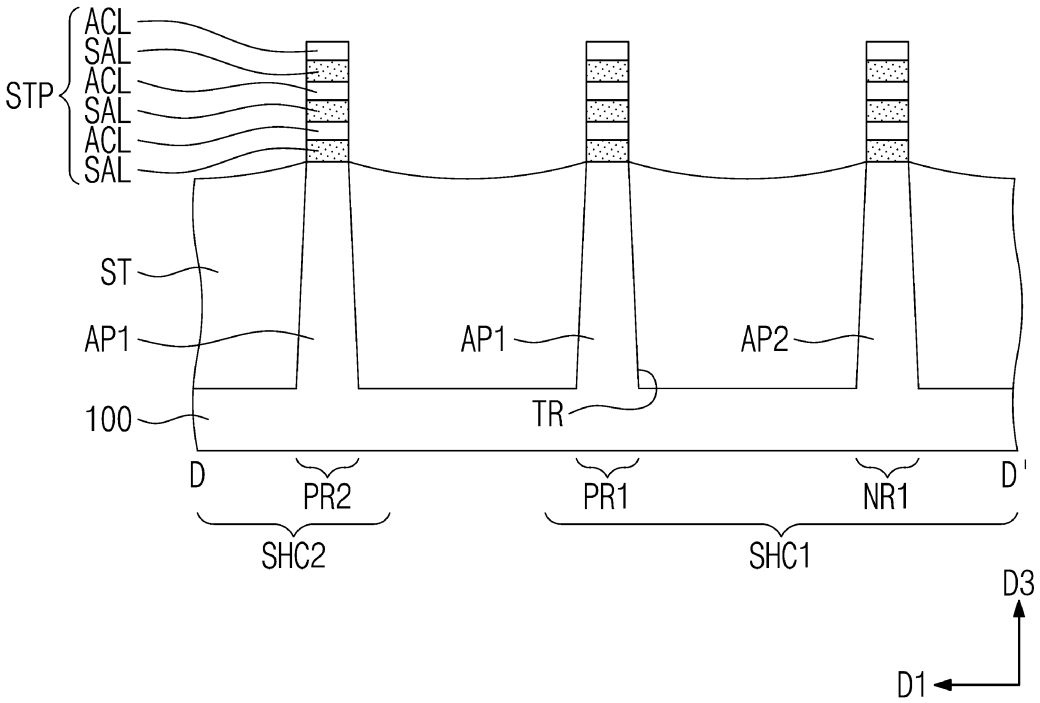

ACL
SAL
ACL
SAL
ACL
SAL
STP
ST
AP1
AP1
AP2
100
TR
D
PR2
PR1
NR1
D'
SHC2
SHC1
D3
D1

FIG. 8A

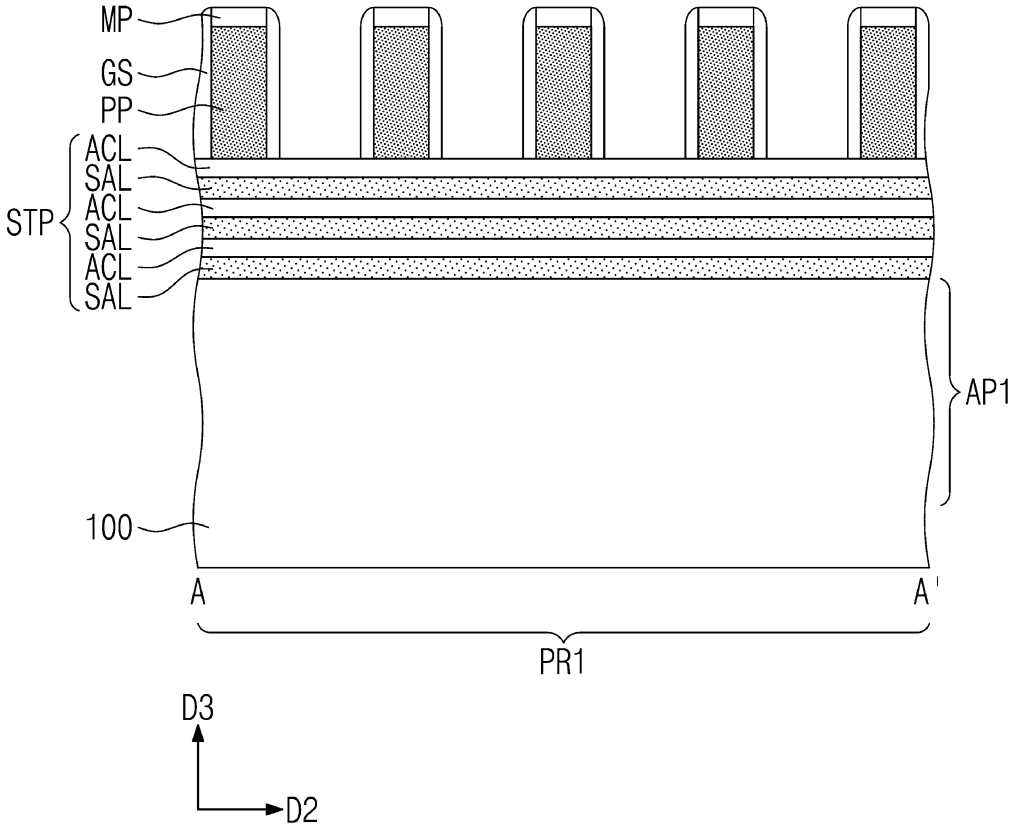


FIG. 8B

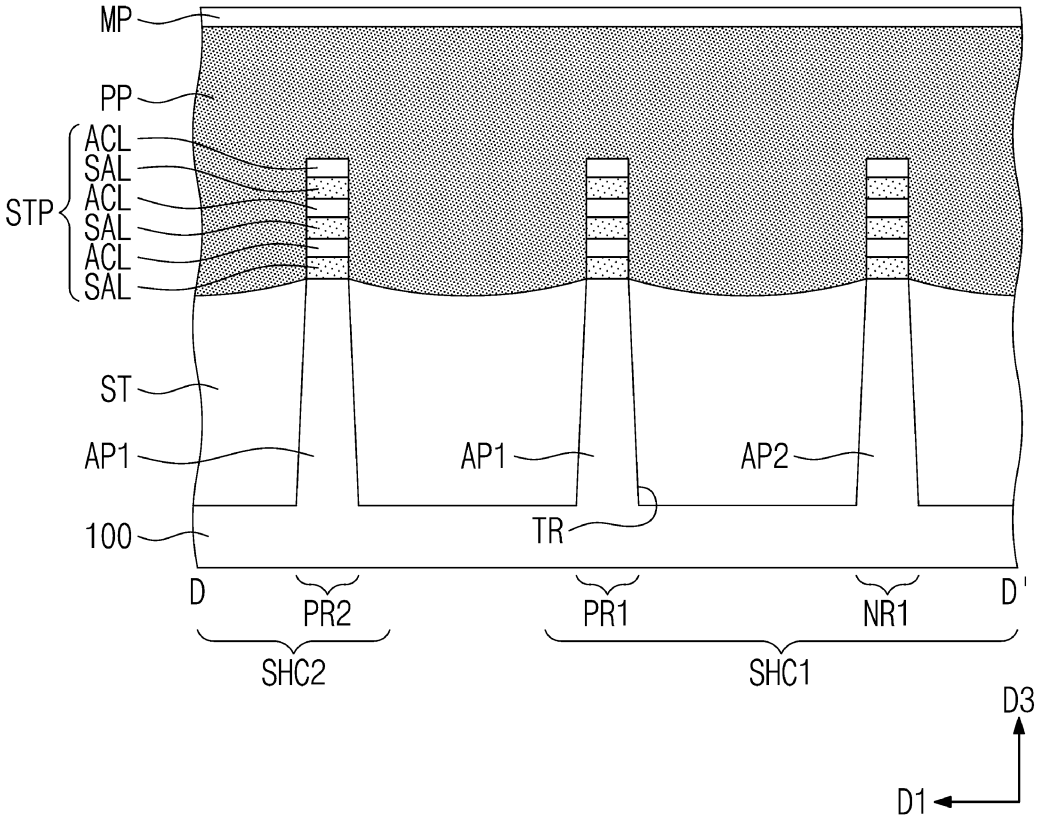

MP
PP
ACL
SAL
ACL
SAL
ACL
SAL
STP
ST
AP1
AP1
AP2
TR
100
D
PR2
PR1
NR1
D'
SHC2
SHC1
D3
D1

FIG. 9A

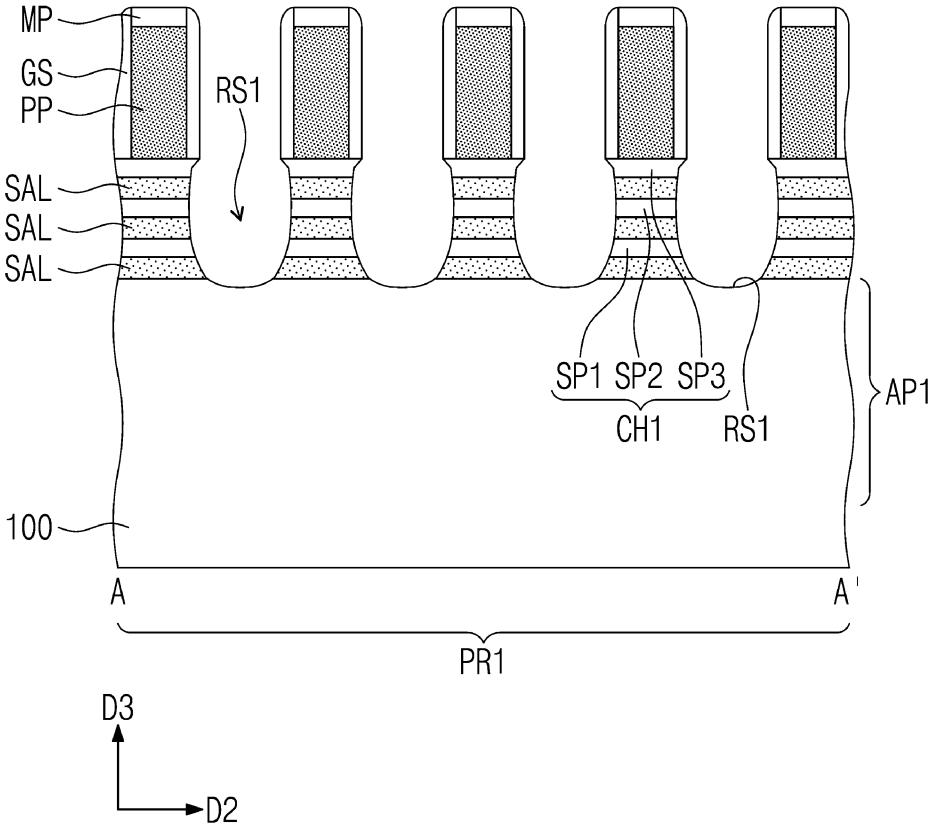


FIG. 9B

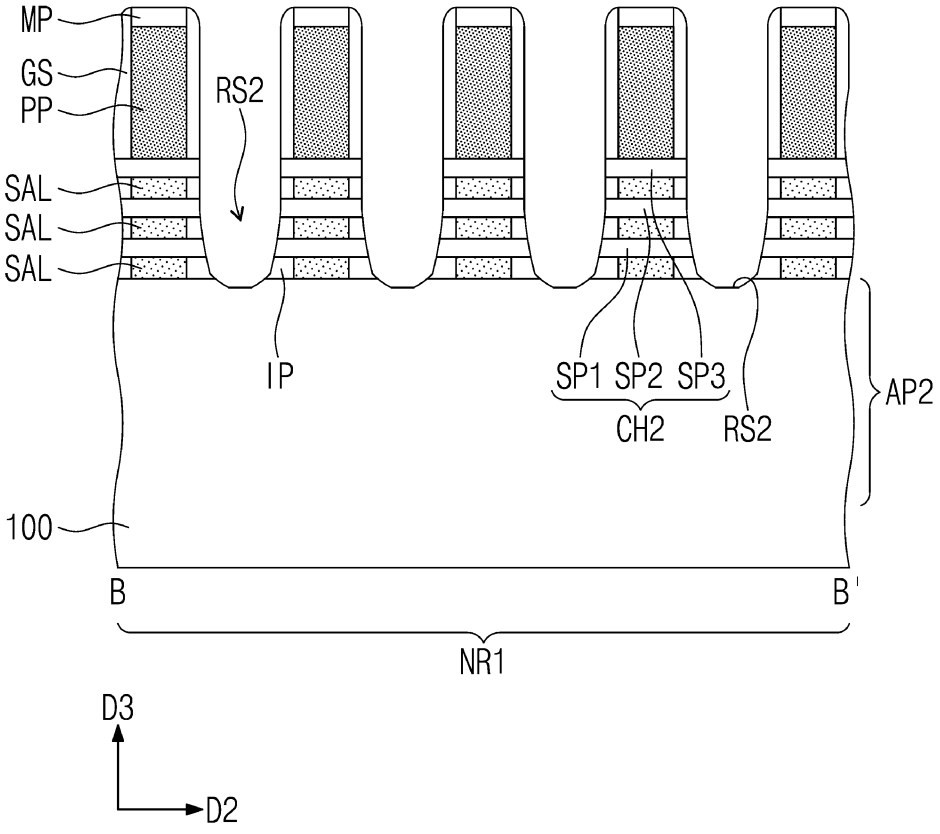

MP
GS
PP
SAL
SAL
SAL
RS2
IP
SP1 SP2 SP3
CH2
RS2
AP2
100
B
B'
NR1
D3
D2

FIG. 9C

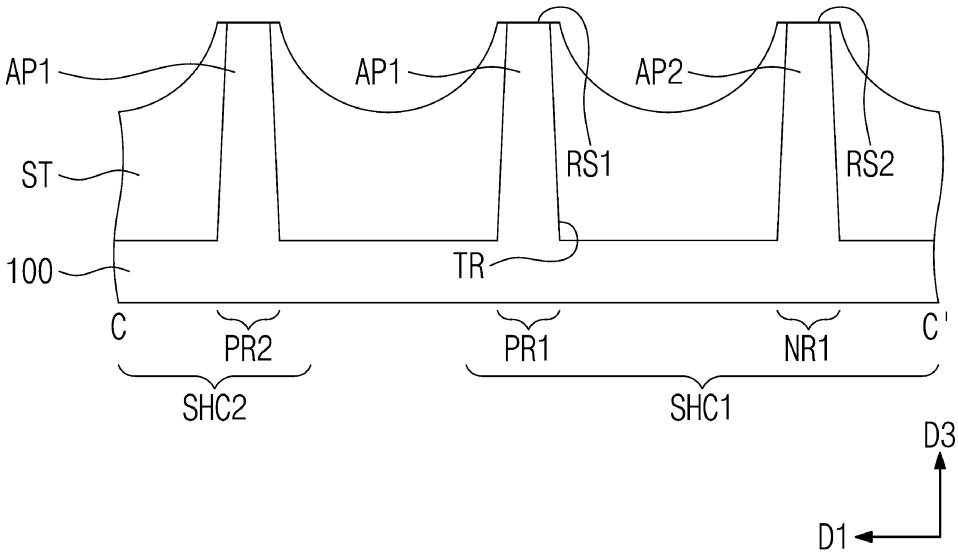


FIG. 9D

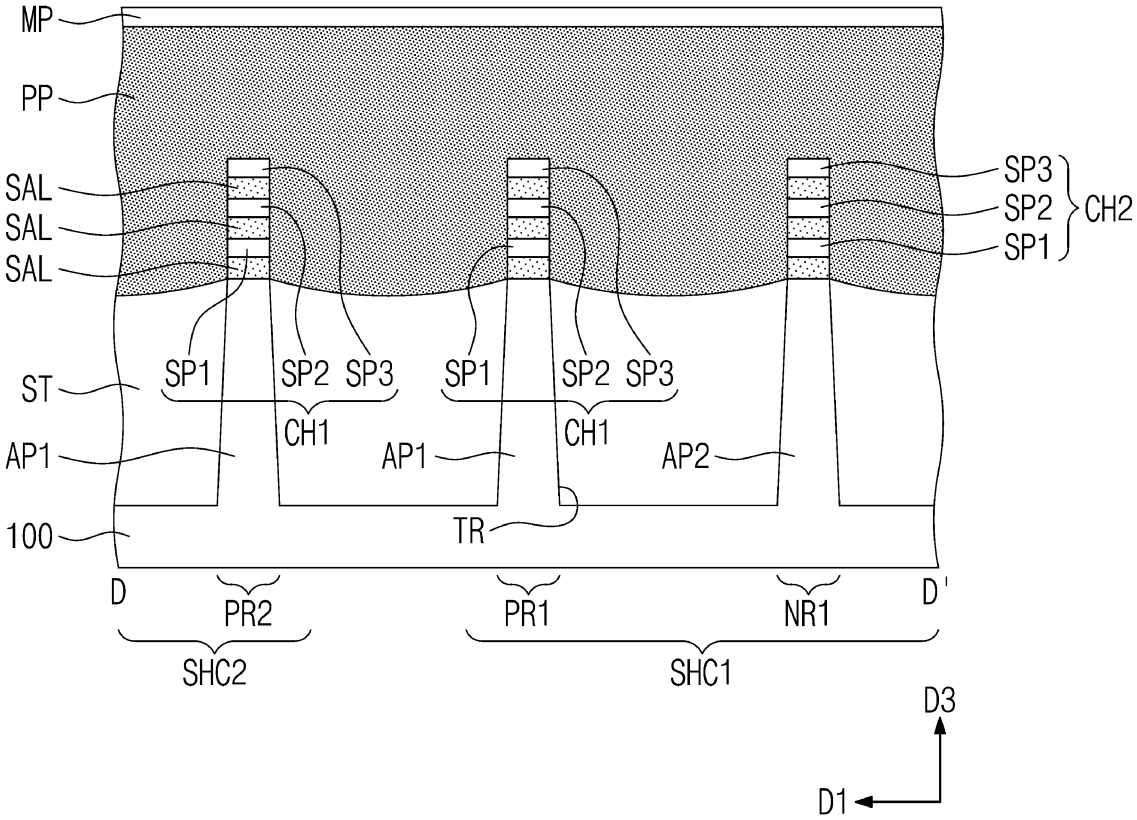

MP
PP
SAL
SAL
SAL
ST
AP1
100
SP1
SP2
SP3
CH1
AP1
SP1
SP2
SP3
CH1
AP2
TR
SP3
SP2
SP1
CH2
D
PR2
PR1
NR1
D'
SHC2
SHC1
D3
D1

FIG. 10A

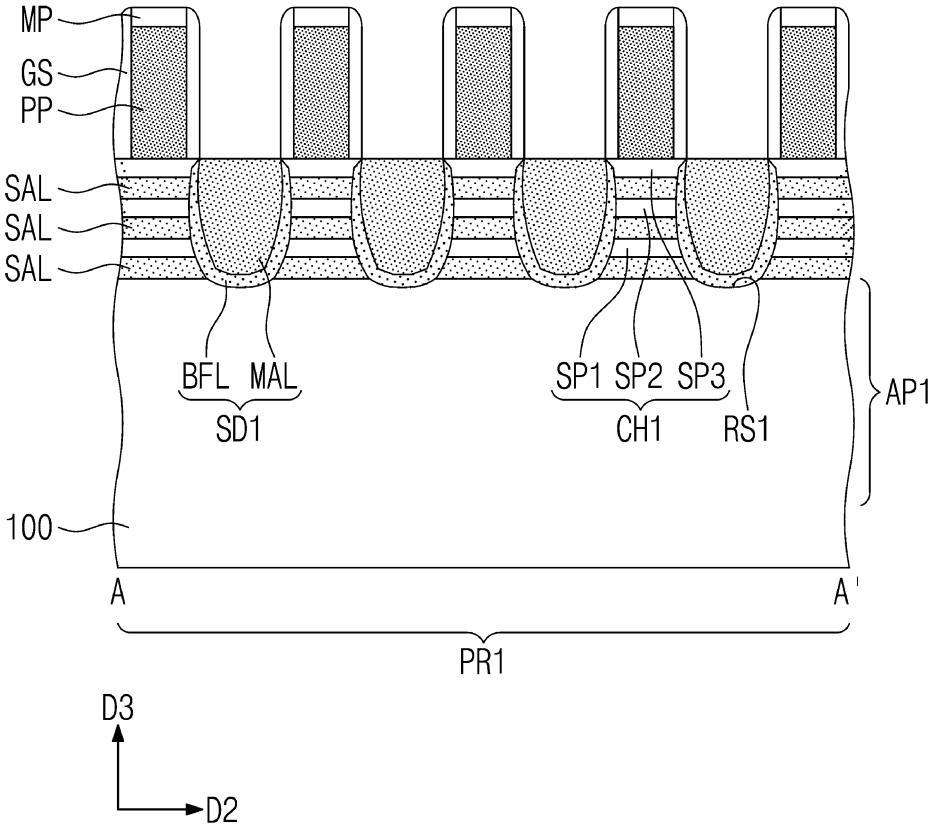

MP
GS
PP
SAL
SAL
SAL
BFL
MAL
SD1
SP1
SP2
SP3
CH1
RS1
AP1
100
A
A'
PR1
D3
D2

FIG. 10B

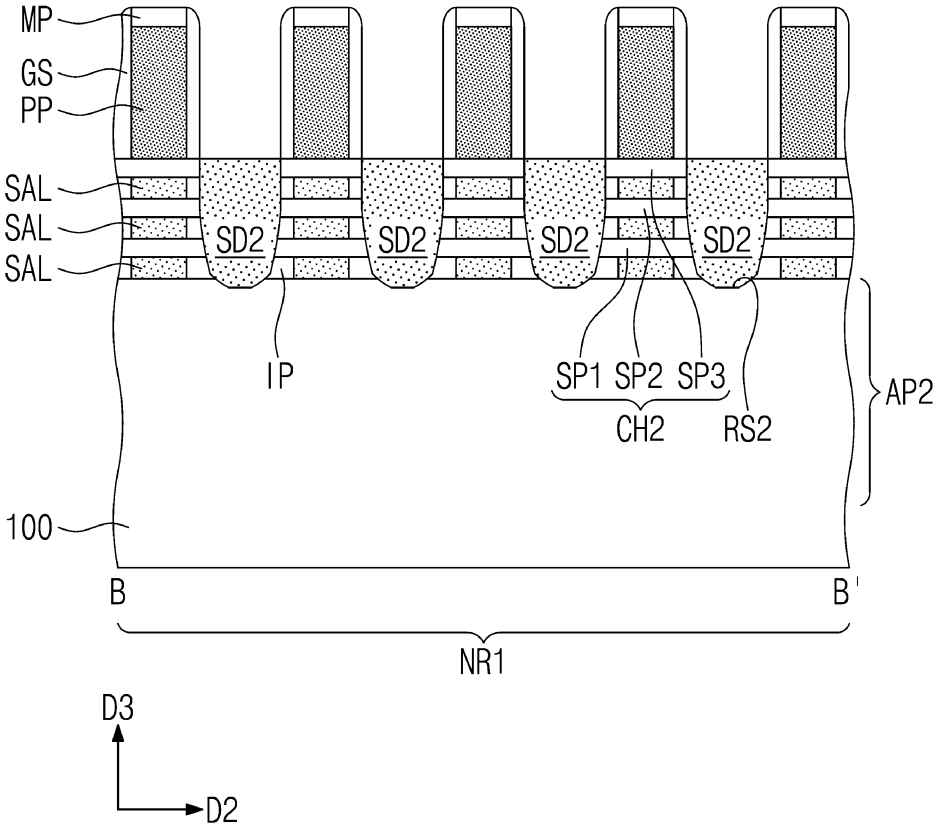

MP
GS
PP
SAL
SAL
SAL
SD2
SD2
SD2
SD2
IP
SP1 SP2 SP3
CH2
RS2
AP2
100
B
B'
NR1
D3
D2

FIG. 10C

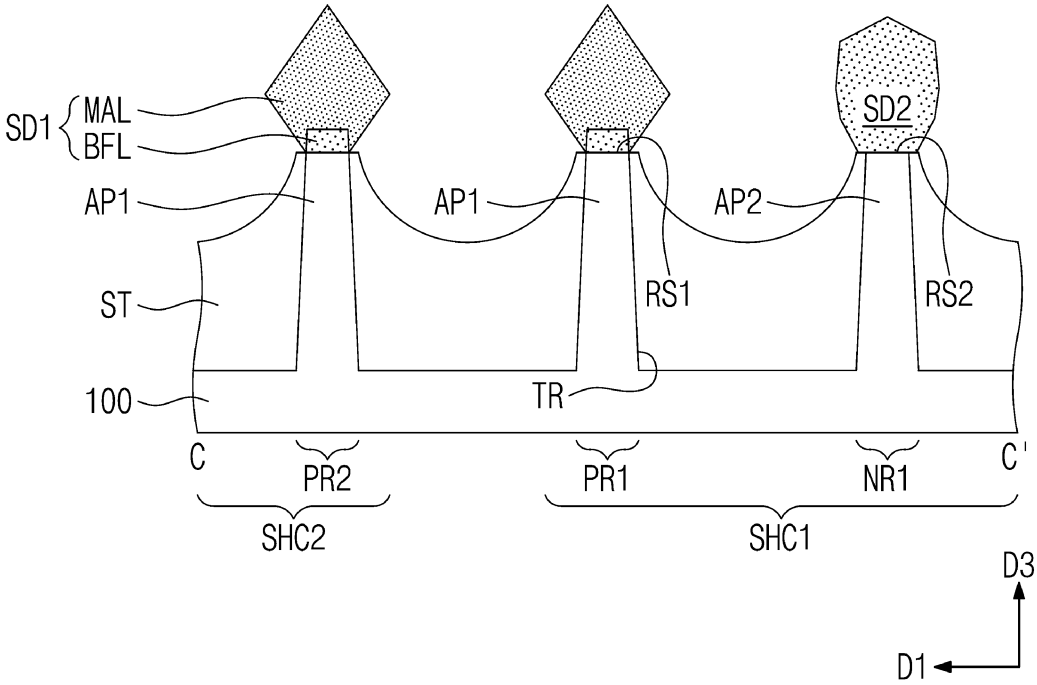

SD1
MAL
BFL
AP1
AP1
AP2
SD2
ST
RS1
RS2
100
TR
C
PR2
PR1
NR1
C'
SHC2
SHC1
D3
D1

FIG. 10D

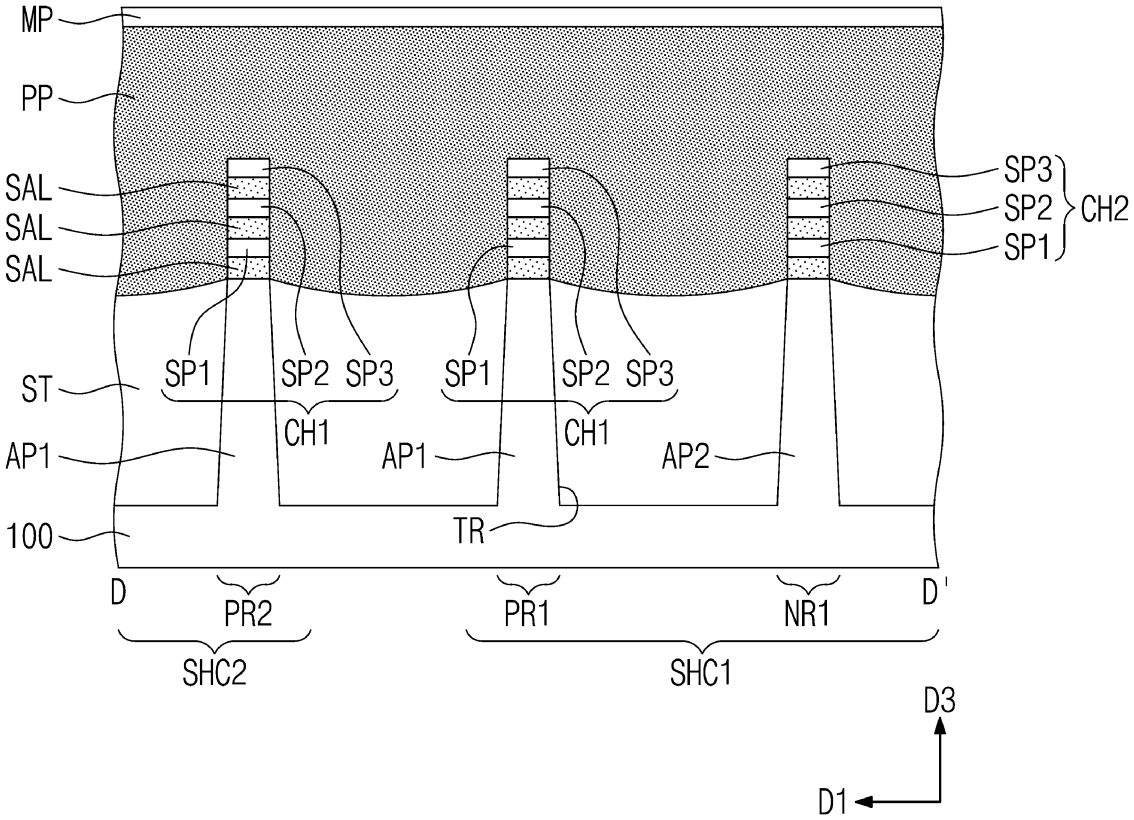

MP
PP
SAL
SAL
SAL
ST
AP1
100
SP1
SP2
SP3
CH1
SP1
SP2
SP3
CH1
AP1
AP2
TR
SP3
SP2
SP1
CH2
D
PR2
PR1
NR1
D'
SHC2
SHC1
D3
D1

FIG. 11A

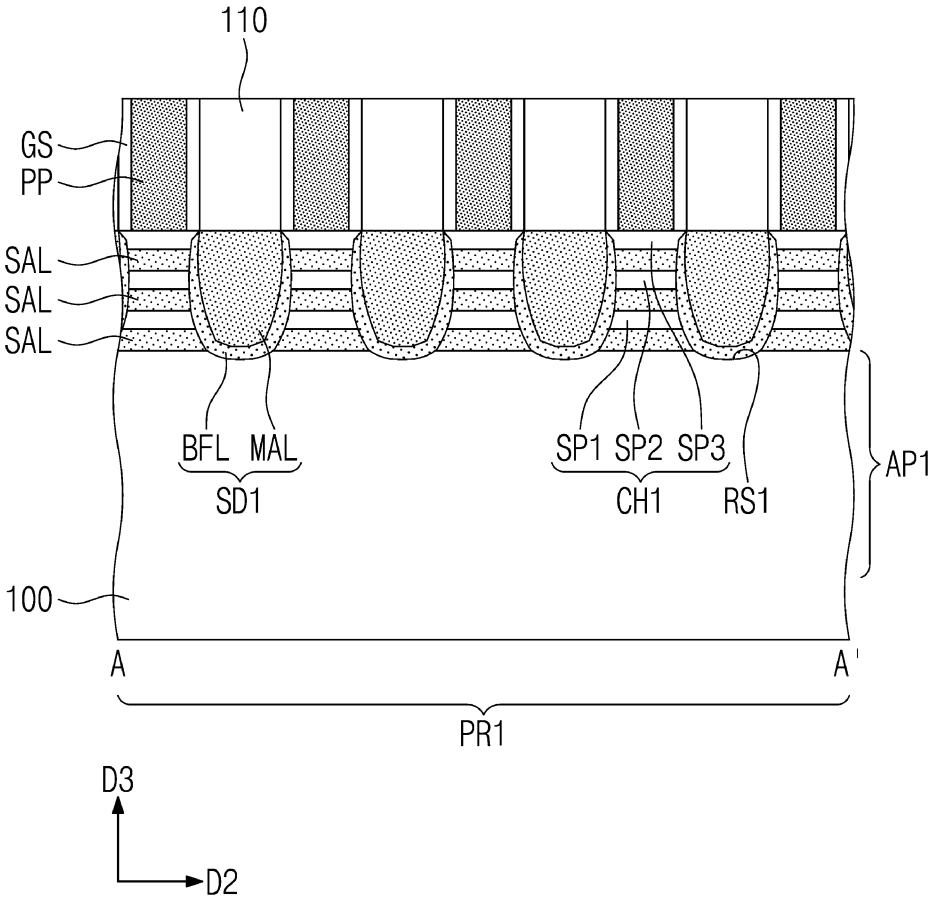

110
GS
PP
SAL
SAL
SAL
BFL
MAL
SD1
SP1
SP2
SP3
CH1
RS1
AP1
100
A
A'
PR1
D3
D2

FIG. 11B

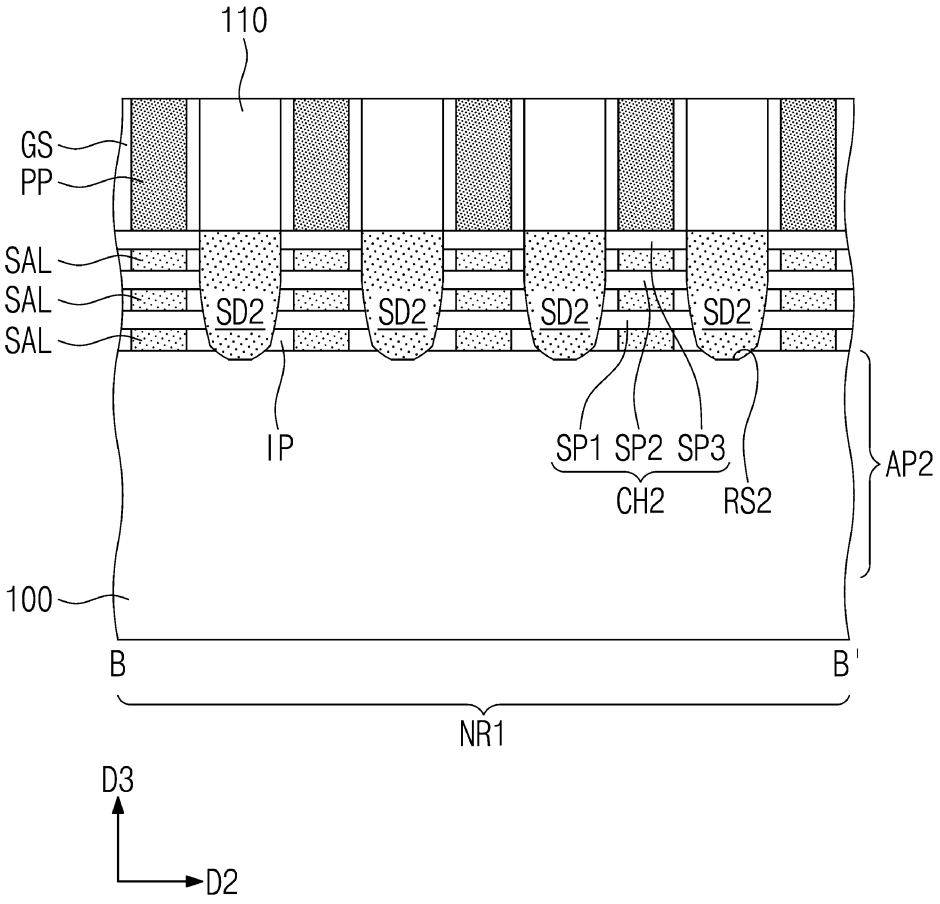

110
GS
PP
SAL
SAL
SAL
SD2
SD2
SD2
SD2
IP
SP1 SP2 SP3
CH2
RS2
AP2
100
B
B'
NR1
D3
D2

FIG. 11C

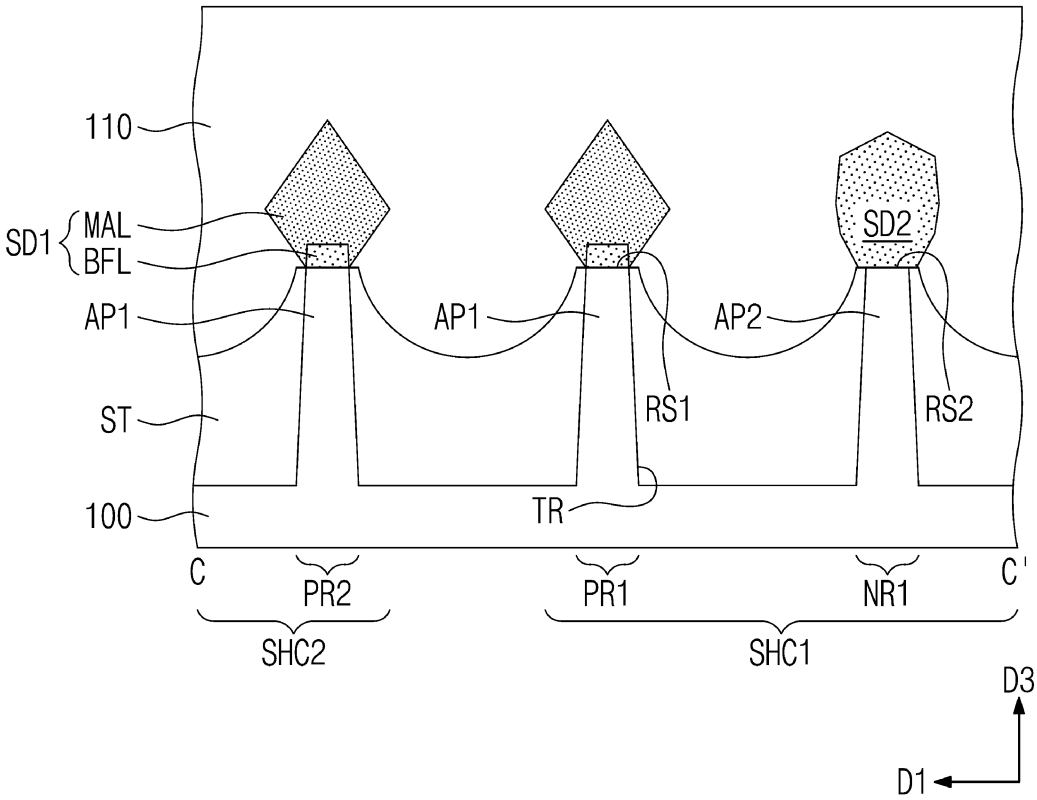

110
SD1
MAL
BFL
AP1
ST
100
AP1
AP2
SD2
RS1
RS2
TR
C
PR2
PR1
NR1
C'
SHC2
SHC1
D3
D1

FIG. 11D

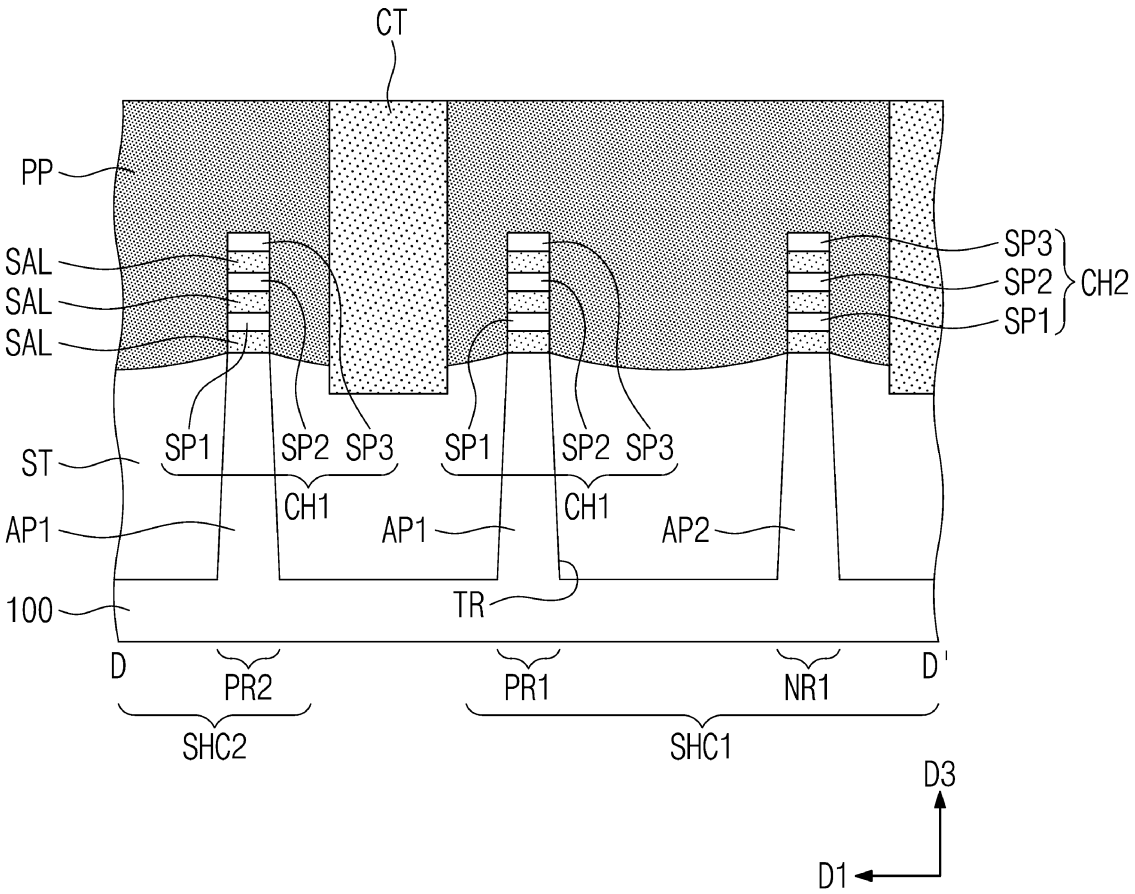

CT
PP
SAL
SAL
SAL
SP3
SP2
SP1
CH2
ST
SP1
SP2 SP3
SP1
SP2 SP3
CH1
CH1
AP1
AP1
AP2
TR
100
D
PR2
PR1
NR1
D'
SHC2
SHC1
D3
D1

FIG. 12A

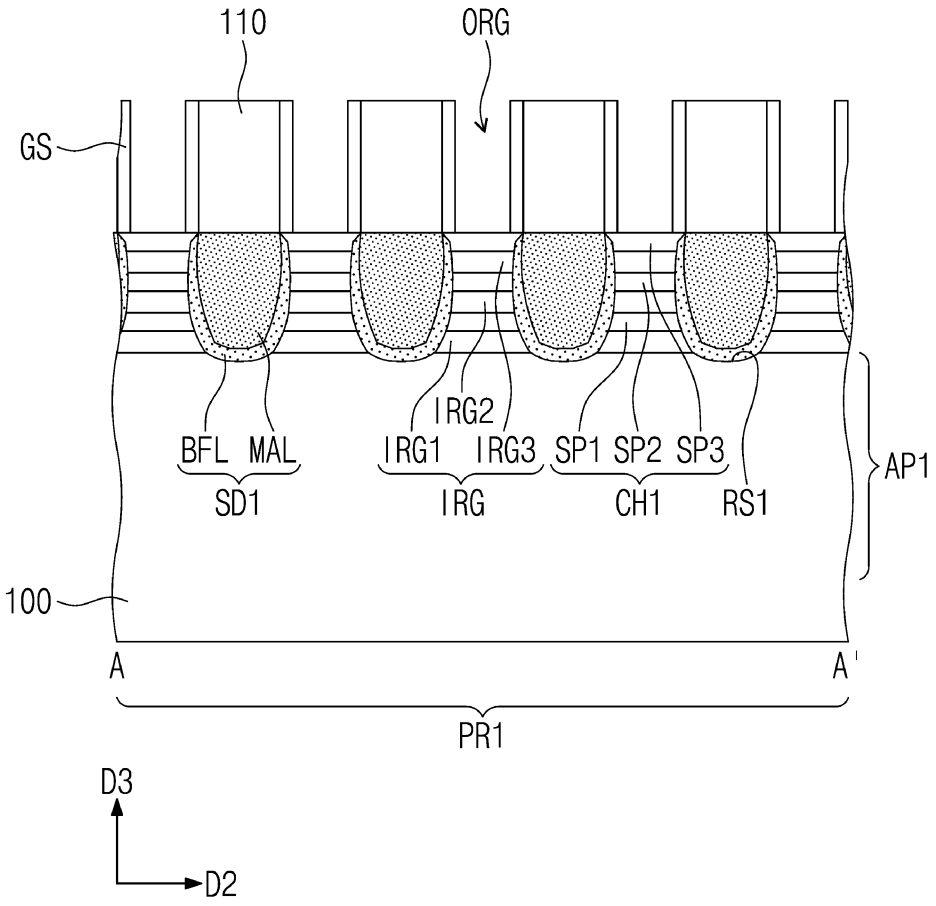

110
ORG
GS
BFL
MAL
SD1
IRG2
IRG1
IRG3
IRG
SP1
SP2
SP3
CH1
RS1
AP1
100
A
A'
PR1
D3
D2

FIG. 12B

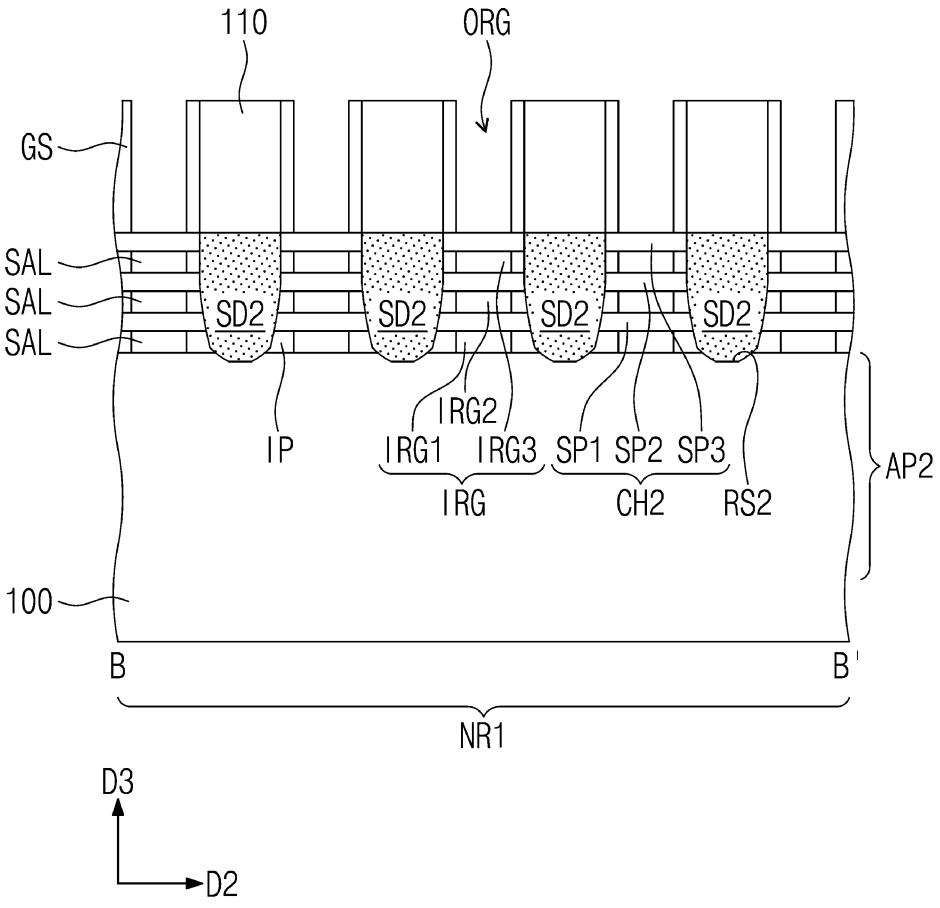

110
ORG
GS
SAL
SAL
SAL
SD2
SD2
SD2
SD2
IP
IRG2
IRG1
IRG3
SP1
SP2
SP3
IRG
CH2
RS2
AP2
100
B
B'
NR1
D3
D2

FIG. 12C

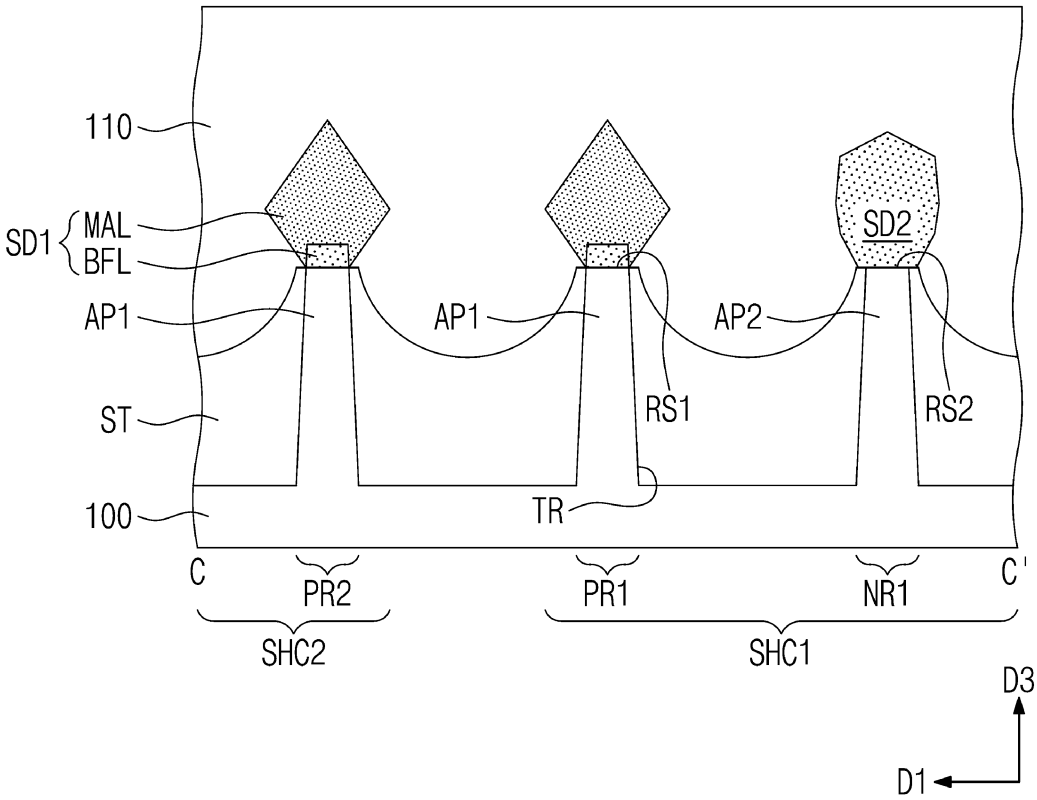

110
SD1
MAL
BFL
AP1
ST
100
AP1
AP2
SD2
RS1
RS2
TR
C
PR2
PR1
NR1
C'
SHC2
SHC1
D3
D1

FIG. 12D

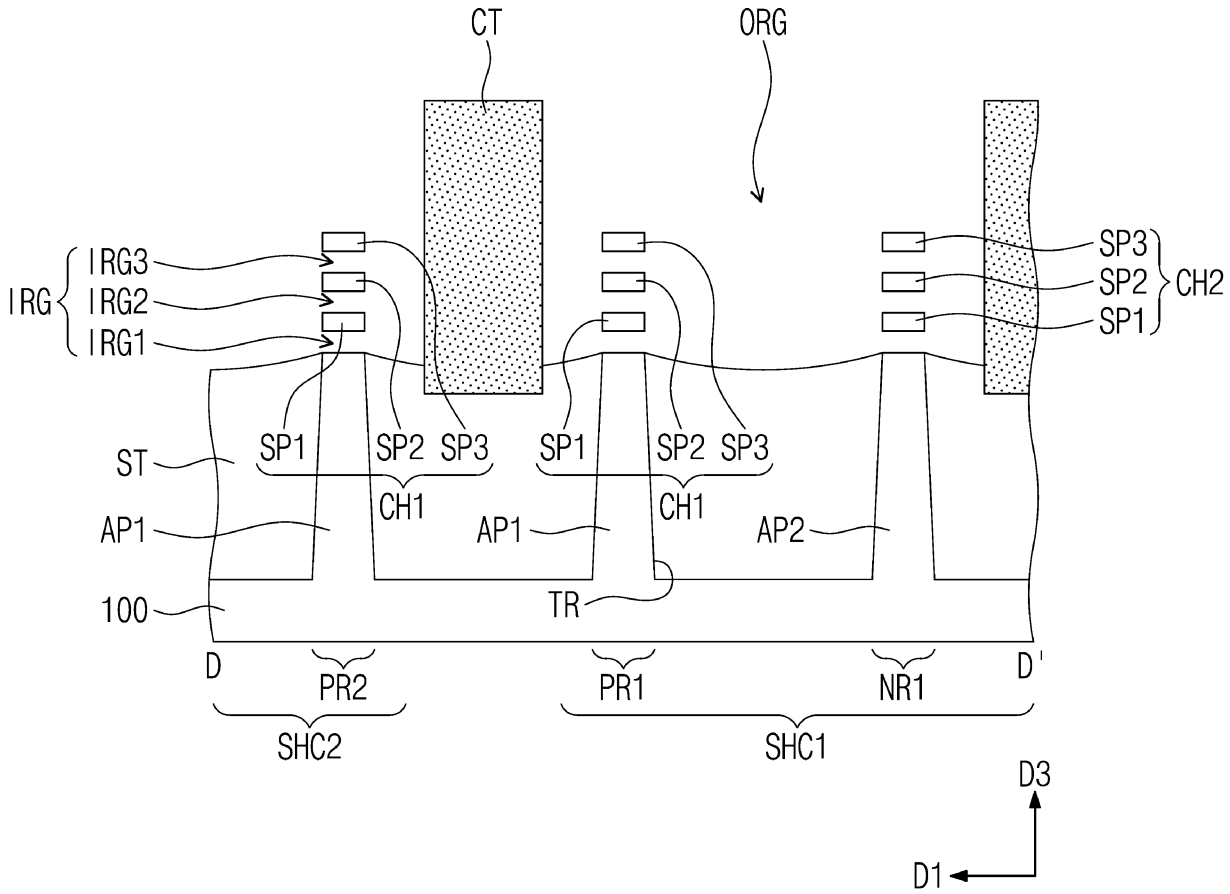

CT
ORG
IRG
IRG3
IRG2
IRG1
SP3
SP2
SP1
CH2
ST
SP1
SP2
SP3
CH1
AP1
AP2
100
TR
D
D'
PR2
PR1
NR1
SHC2
SHC1
D3
D1

FIG. 13A

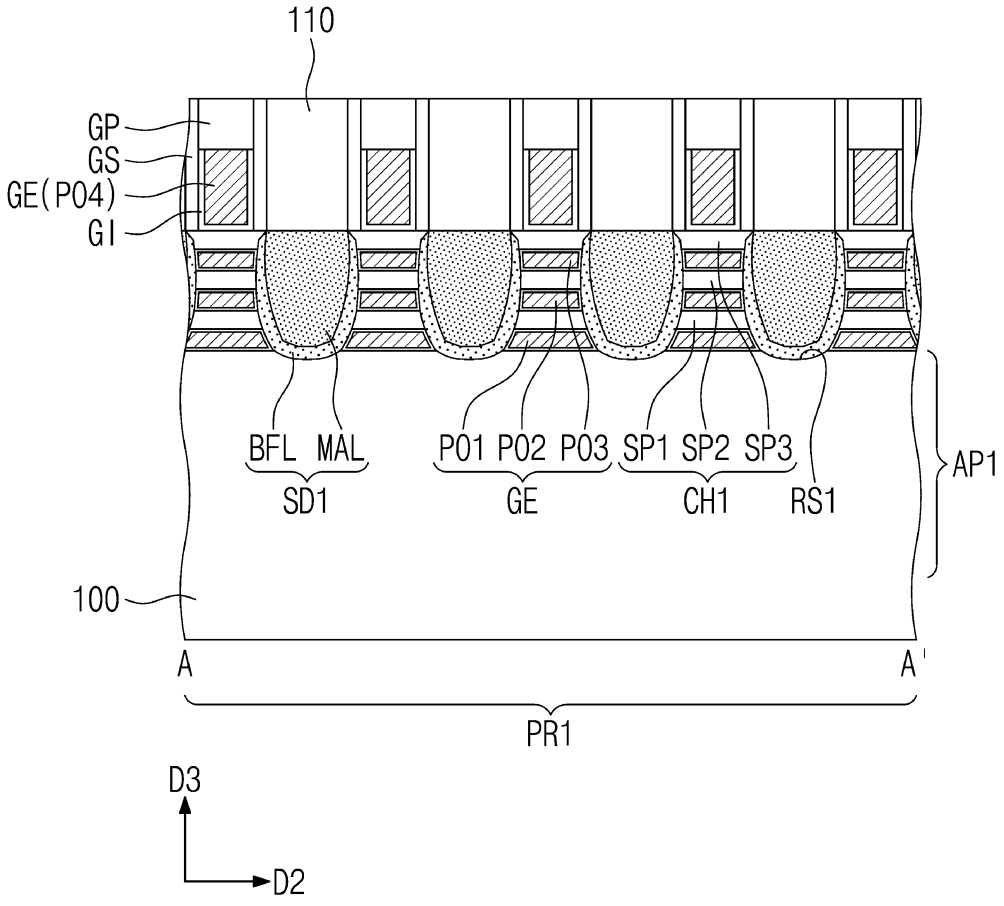

110
GP
GS
GE(P04)
GI
BFL
MAL
SD1
P01
P02
P03
GE
SP1
SP2
SP3
CH1
RS1
AP1
100
A
A'
PR1
D3
D2

FIG. 13B

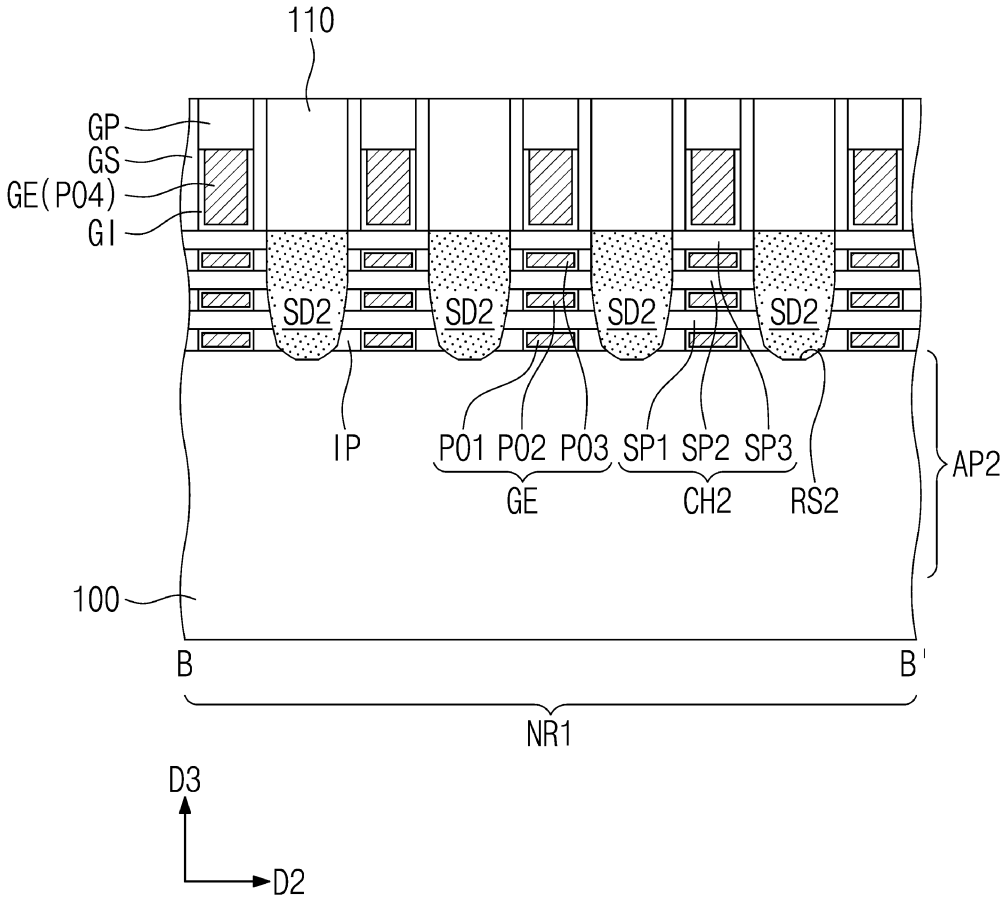

110
GP
GS
GE(P04)
GI
SD2
SD2
SD2
SD2
IP
P01 P02 P03
SP1 SP2 SP3
GE
CH2
RS2
AP2
100
B
B'
NR1
D3
D2

FIG. 13C

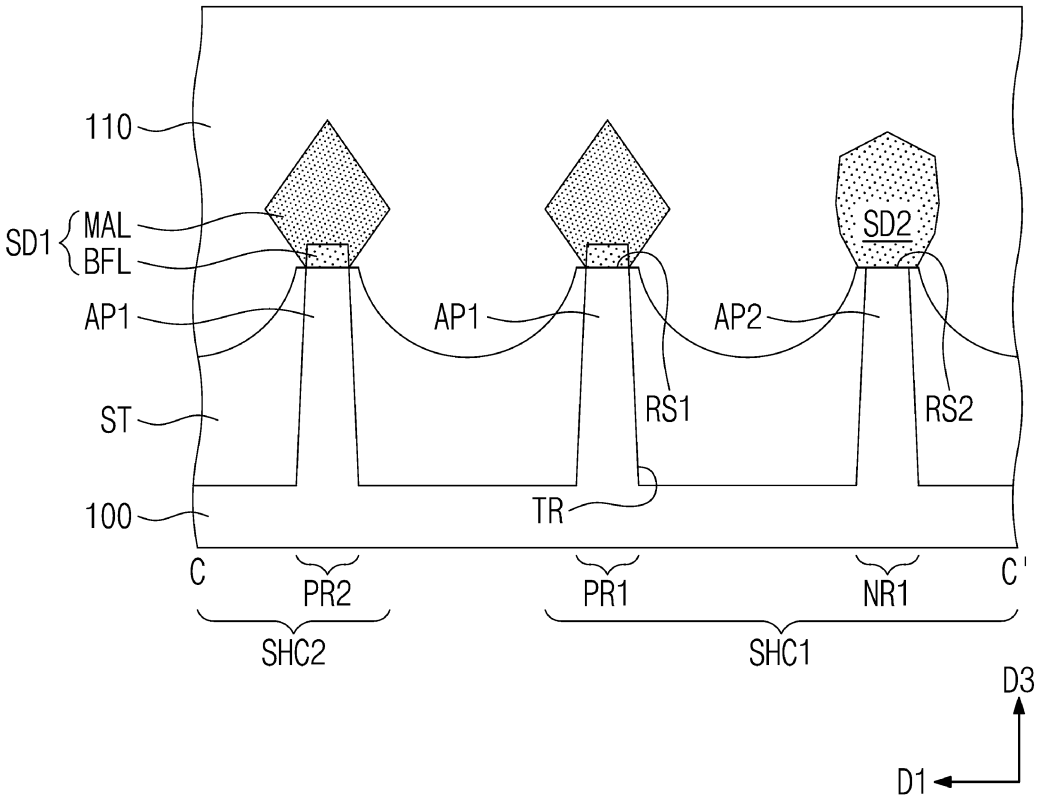

110
SD1
MAL
BFL
AP1
ST
100
AP1
AP2
SD2
RS1
RS2
TR
C
PR2
PR1
NR1
C'
SHC2
SHC1
D3
D1

FIG. 13D

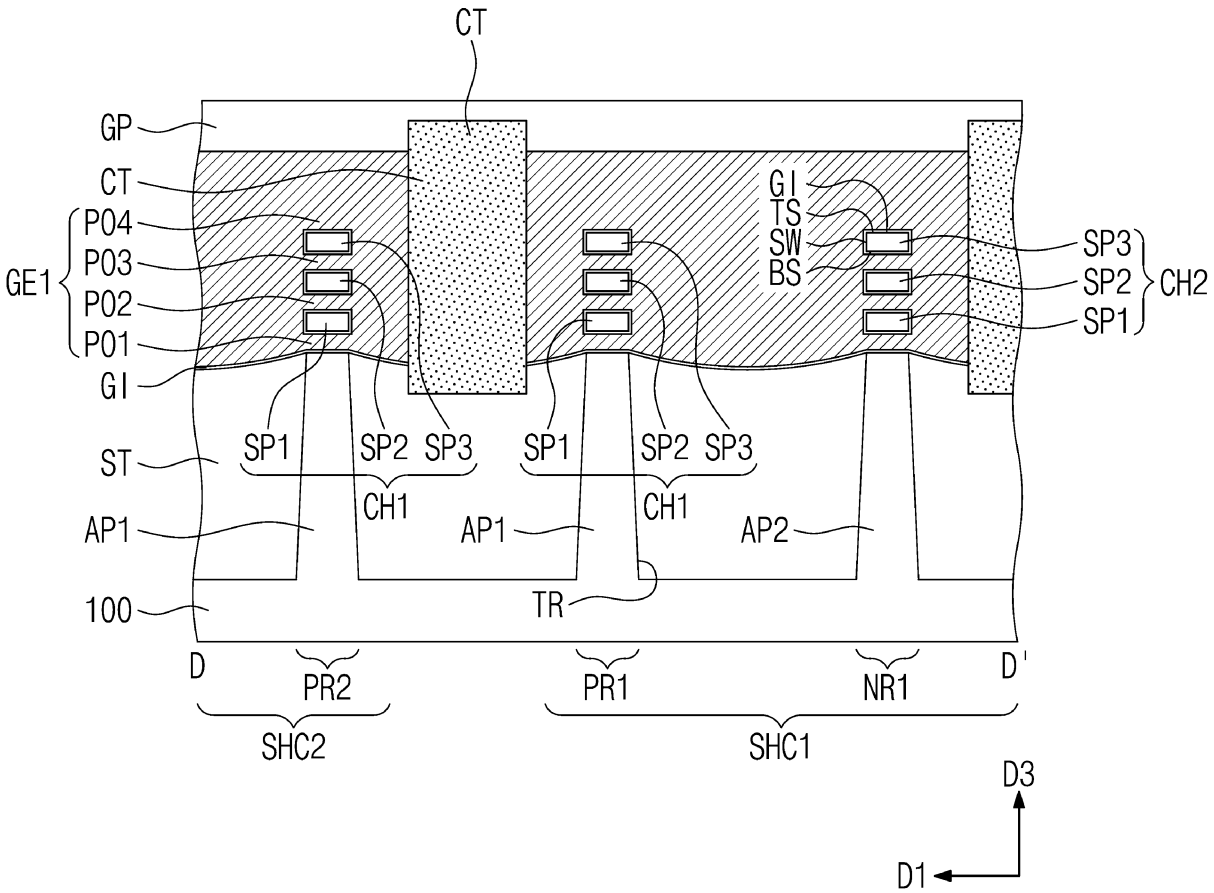

CT
GP
CT
GE1
P04
P03
P02
P01
GI
ST
AP1
100
SP1
SP2
SP3
CH1
TR
GI
TS
SW
BS
SP3
SP2
SP1
CH2
D
PR2
SHC2
PR1
NR1
SHC1
D'
D3
D1

FIG. 14A

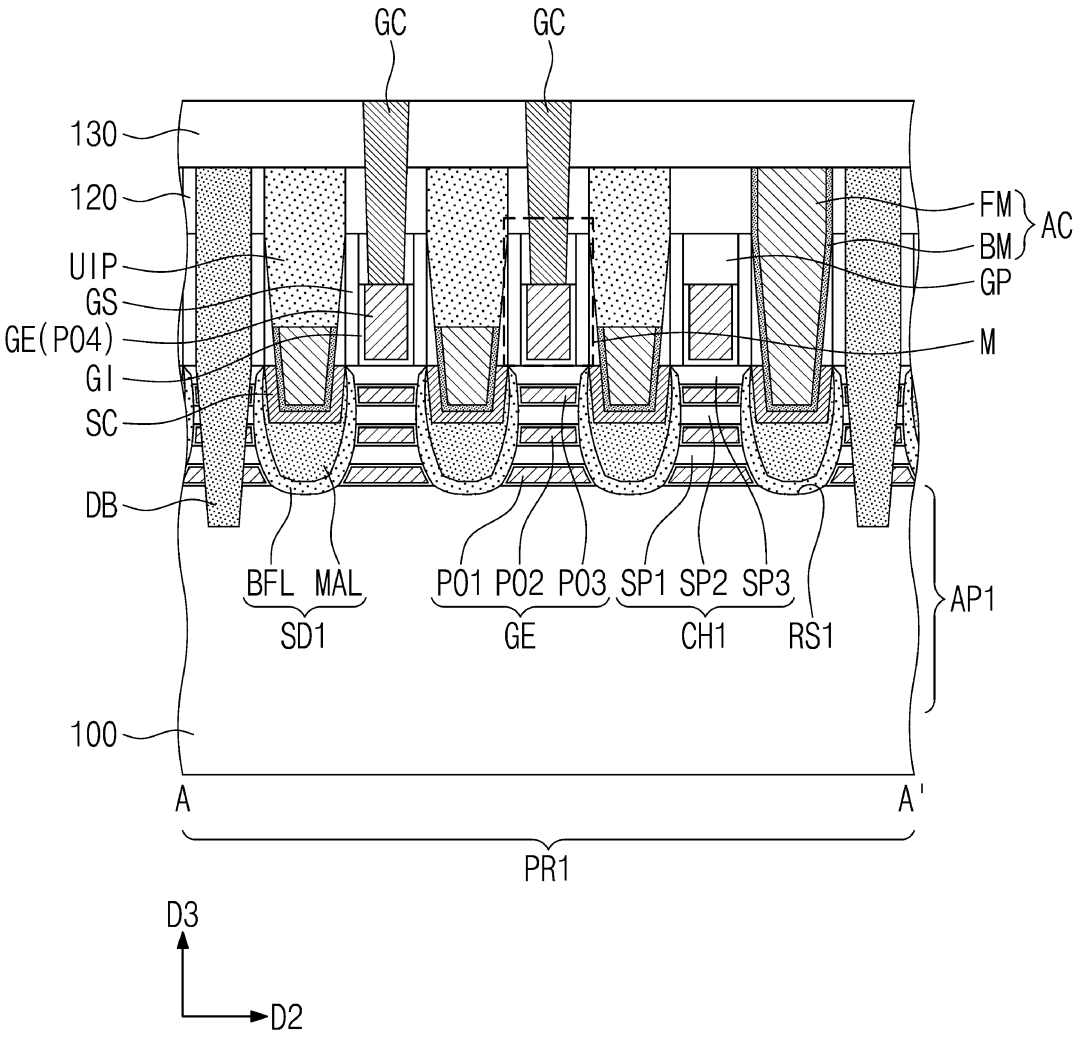

GC
GC
130
120
UIP
GS
GE(P04)
GI
SC
DB
FM
BM
AC
GP
M
BFL
MAL
SD1
P01
P02
P03
GE
SP1
SP2
SP3
CH1
RS1
AP1
100
A
A'
PR1
D3
D2

FIG. 14B

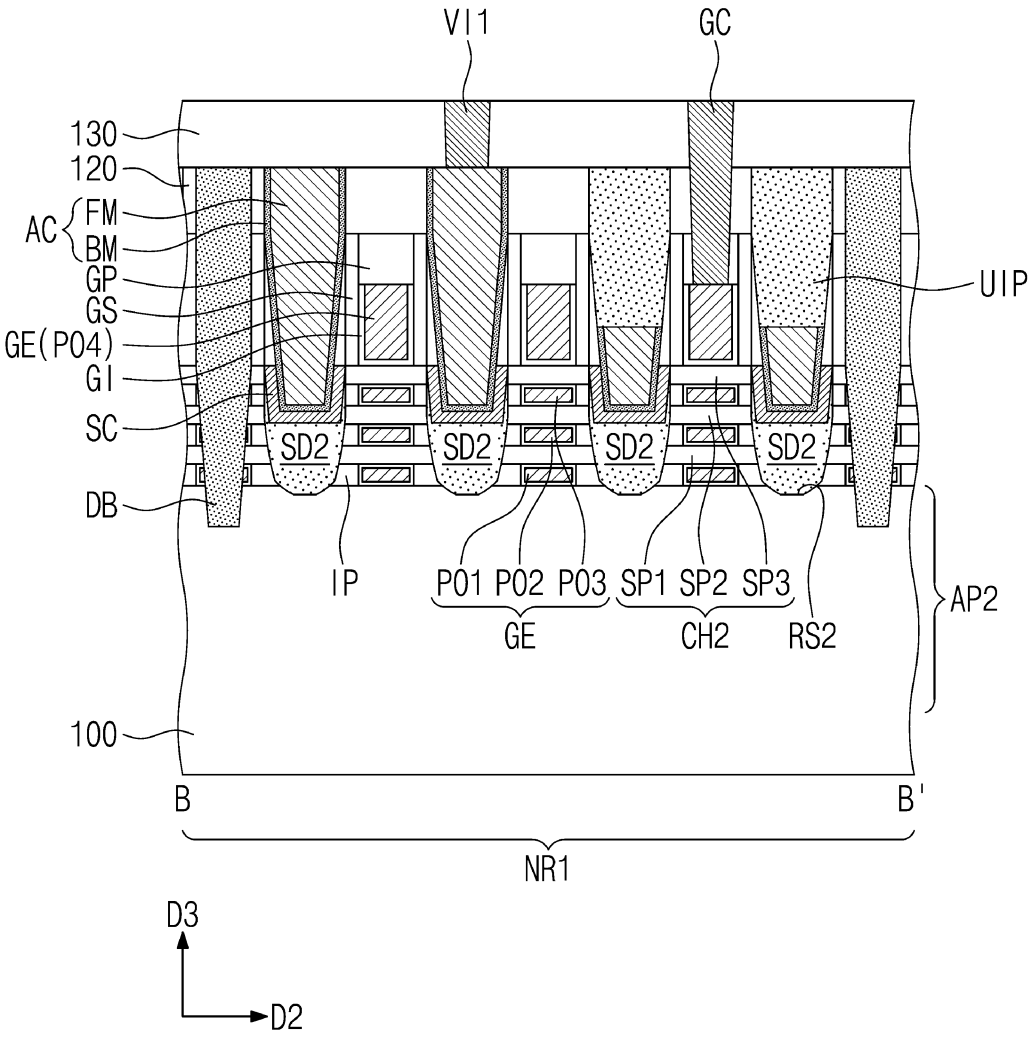

VI1
GC
130
120
AC
FM
BM
GP
GS
GE(P04)
GI
SC
DB
SD2
SD2
SD2
SD2
UIP
IP
P01 P02 P03
SP1 SP2 SP3
GE
CH2
RS2
AP2
100
B
B'
NR1
D3
D2

FIG. 14C

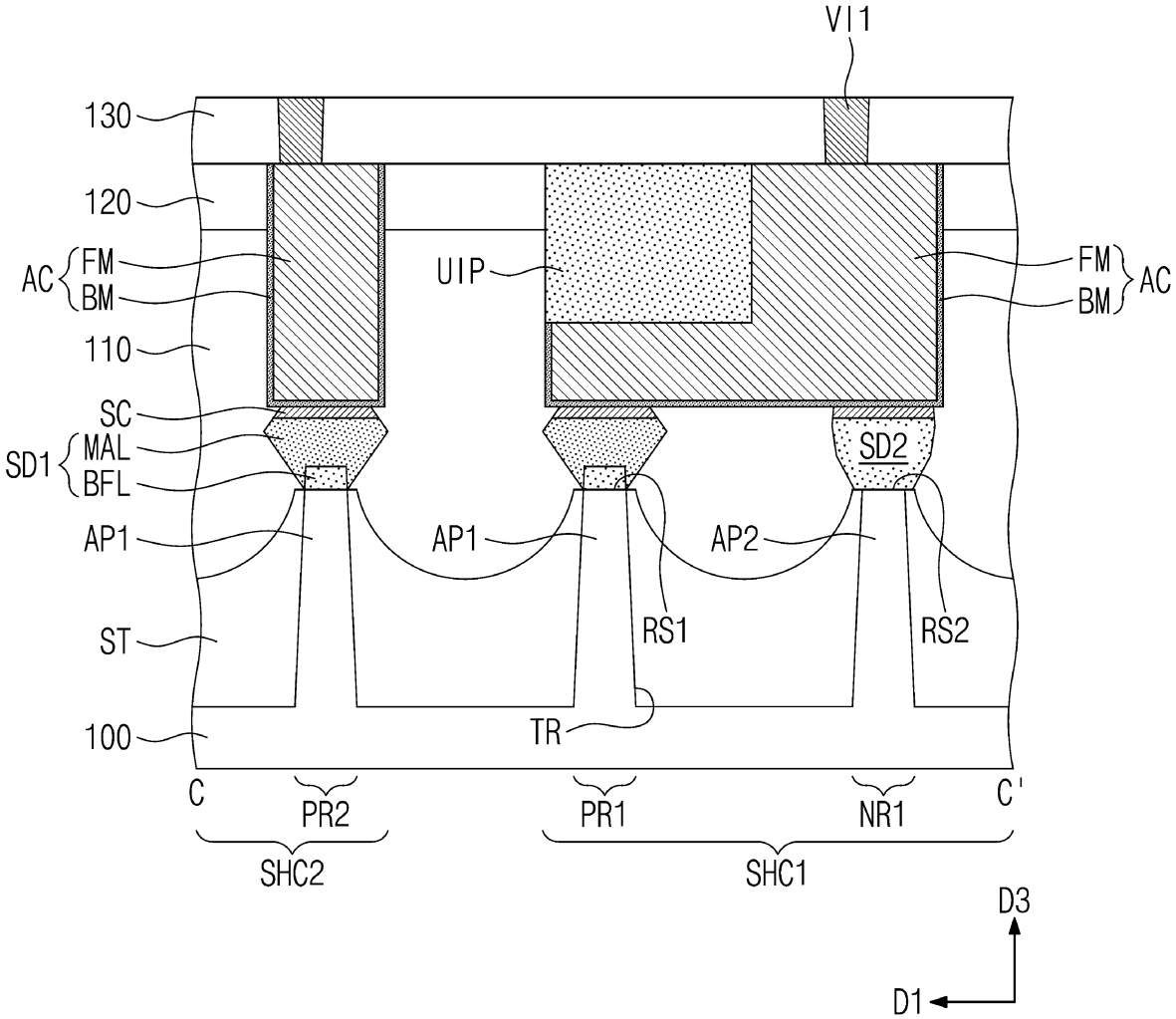

VI1
130
120
AC
FM
BM
UIP
FM
BM
AC
110
SC
SD1
MAL
BFL
SD2
AP1
AP1
AP2
ST
RS1
RS2
100
TR
C
PR2
PR1
NR1
C'
SHC2
SHC1
D3
D1

FIG. 14D

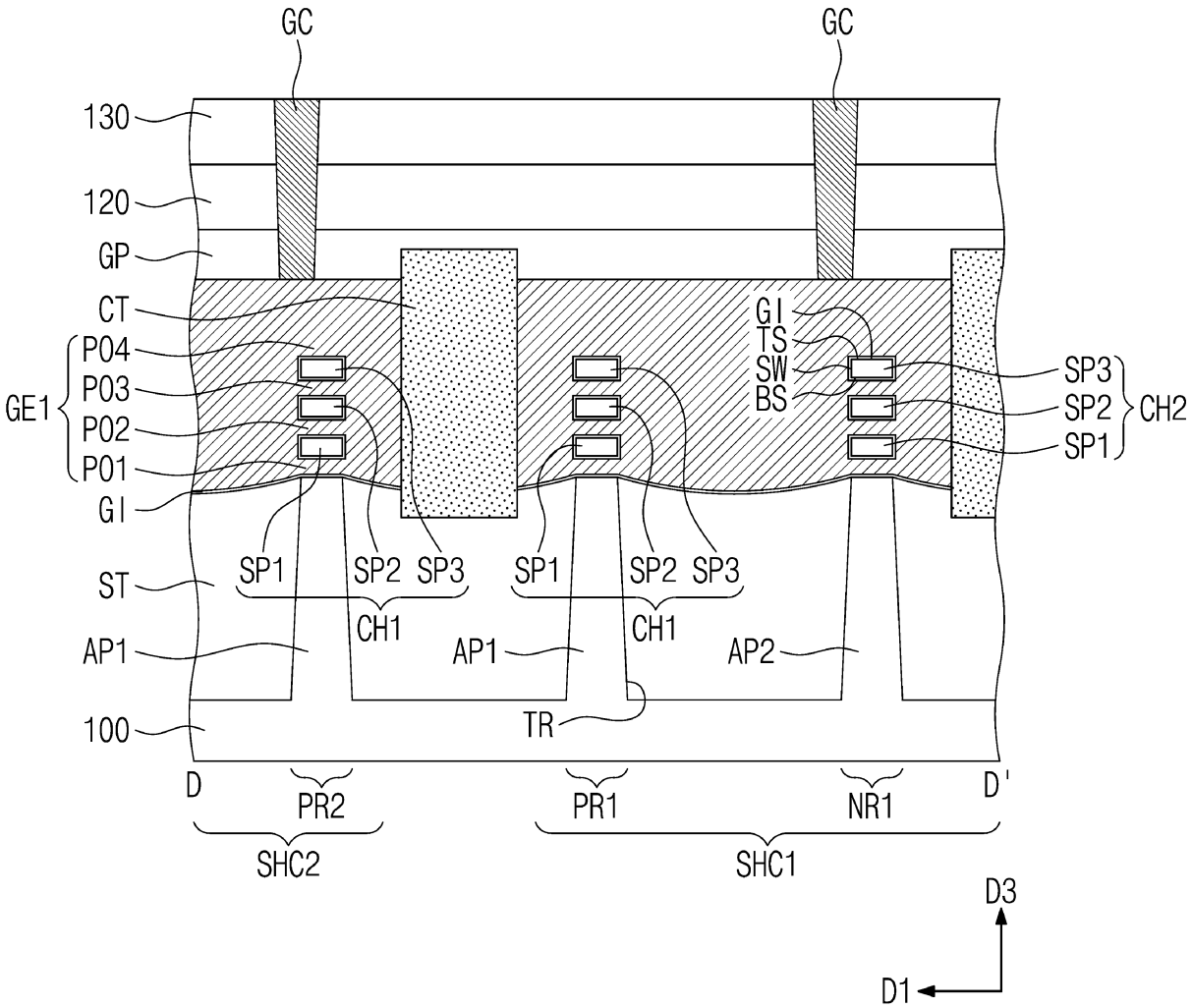

GC
GC
130
120
GP
CT
P04
P03
P02
P01
GE1
GI
ST
AP1
100
GI
TS
SW
BS
SP3
SP2
SP1
CH2
SP1
SP2
SP3
SP1
SP2
SP3
CH1
CH1
AP1
AP1
AP2
TR
D
PR2
PR1
NR1
D'
SHC2
SHC1
D3
D1

FIG. 15

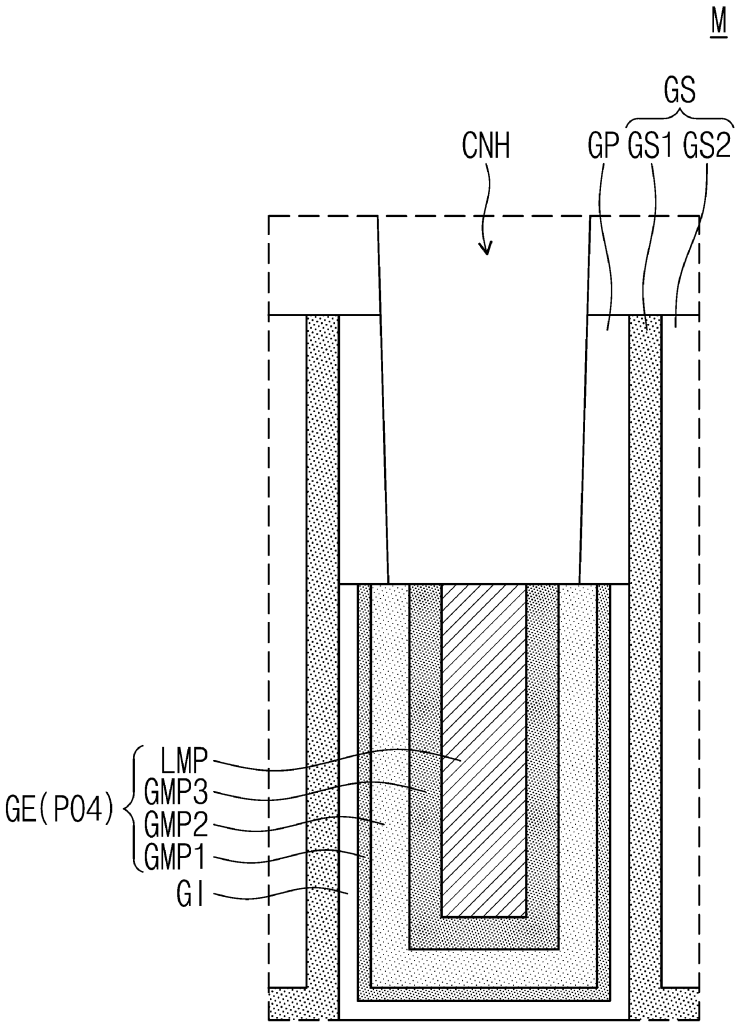


FIG. 16

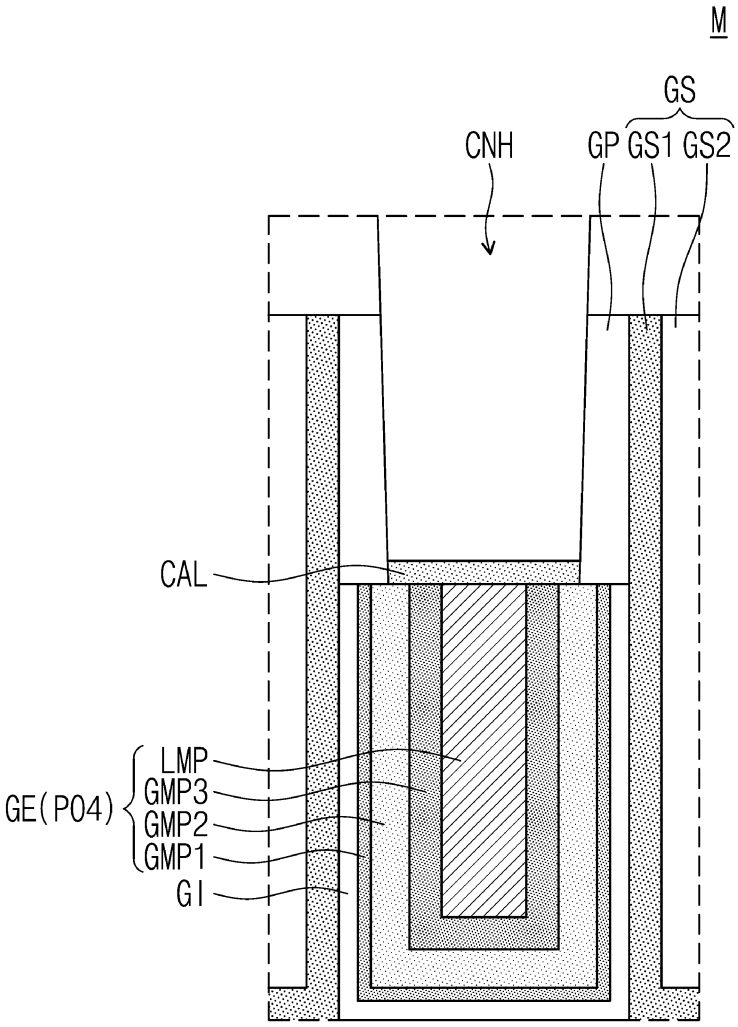


FIG. 17

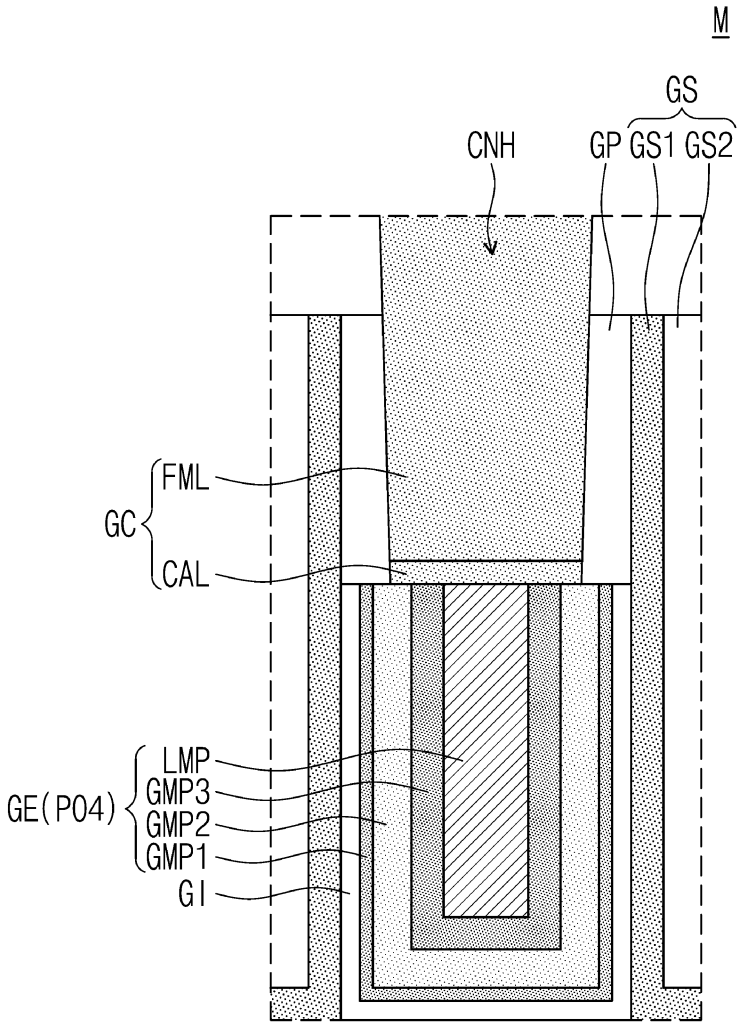


FIG. 18A

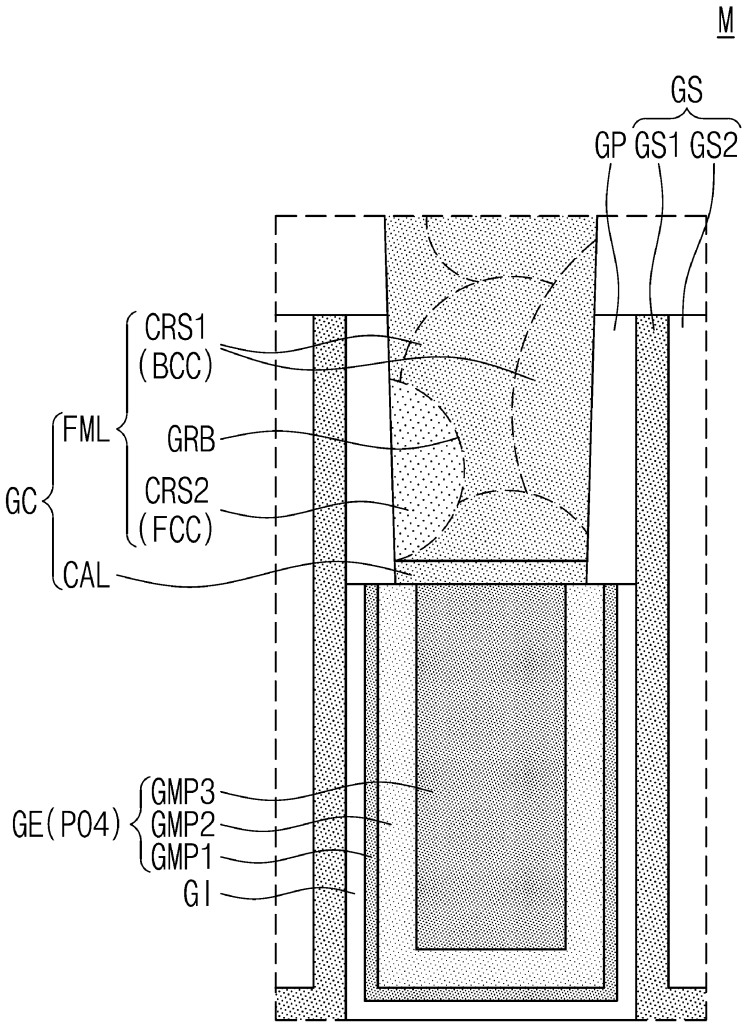

M
GS
GP
GS1
GS2
CRS1
(BCC)
FML
GRB
GC
CRS2
(FCC)
CAL
GE(P04)
GMP3
GMP2
GMP1
GI

FIG. 18B

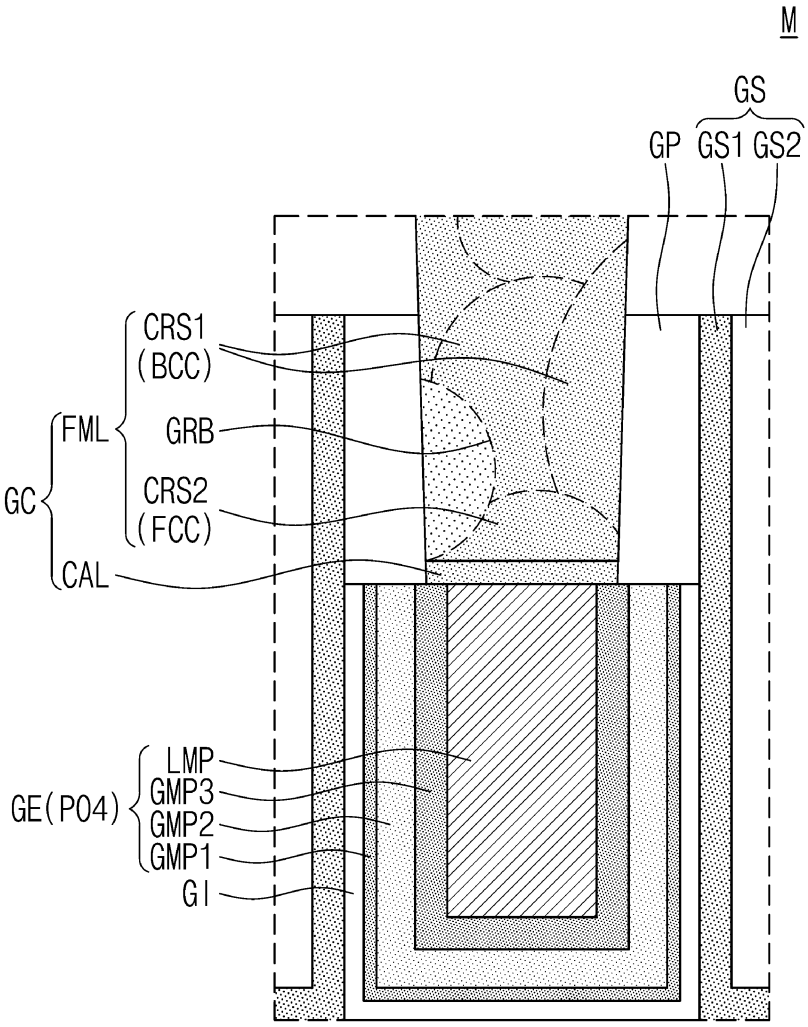

M
GS
GP
GS1
GS2
CRS1
(BCC)
FML
GRB
GC
CRS2
(FCC)
CAL
LMP
GE(PO4)
GMP3
GMP2
GMP1
GI

FIG. 18C

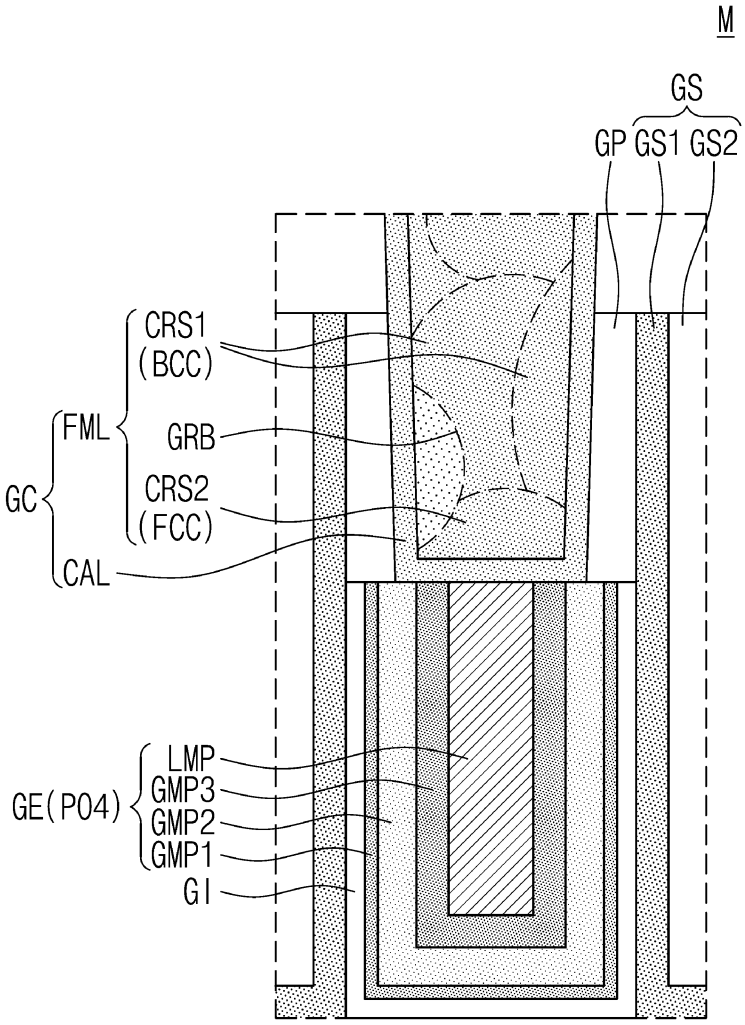

M
GS
GP
GS1
GS2
CRS1
(BCC)
FML
GRB
GC
CRS2
(FCC)
CAL
LMP
GE(P04)
GMP3
GMP2
GMP1
GI

FIG. 19A

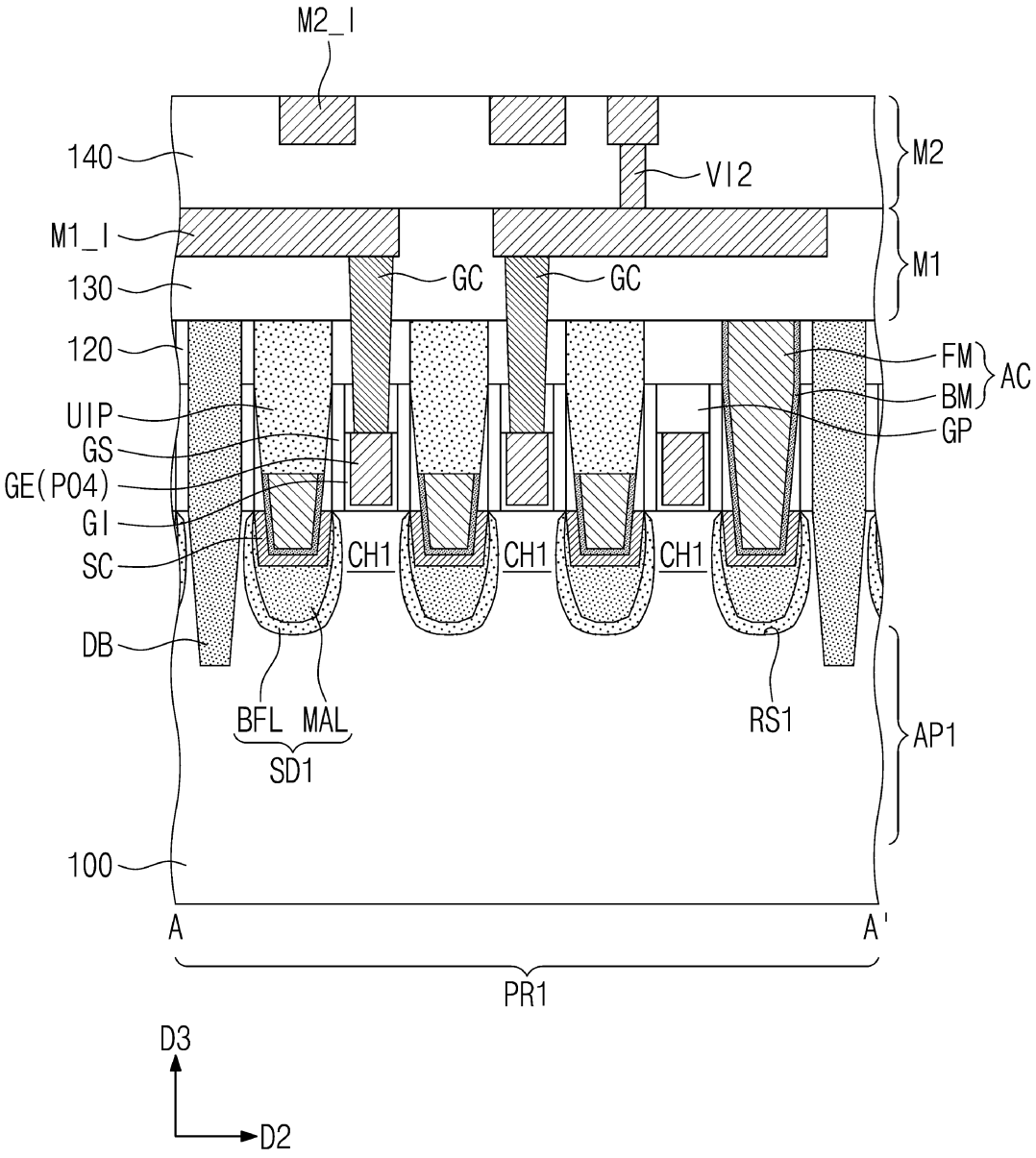

M2_I
140
M1_I
130
120
UIP
GS
GE(PO4)
GI
SC
DB
100
VI2
GC
GC
M2
M1
FM
BM
GP
AC
CH1
CH1
CH1
BFL
MAL
SD1
RS1
AP1
A
A'
PR1
D3
D2

FIG. 19B

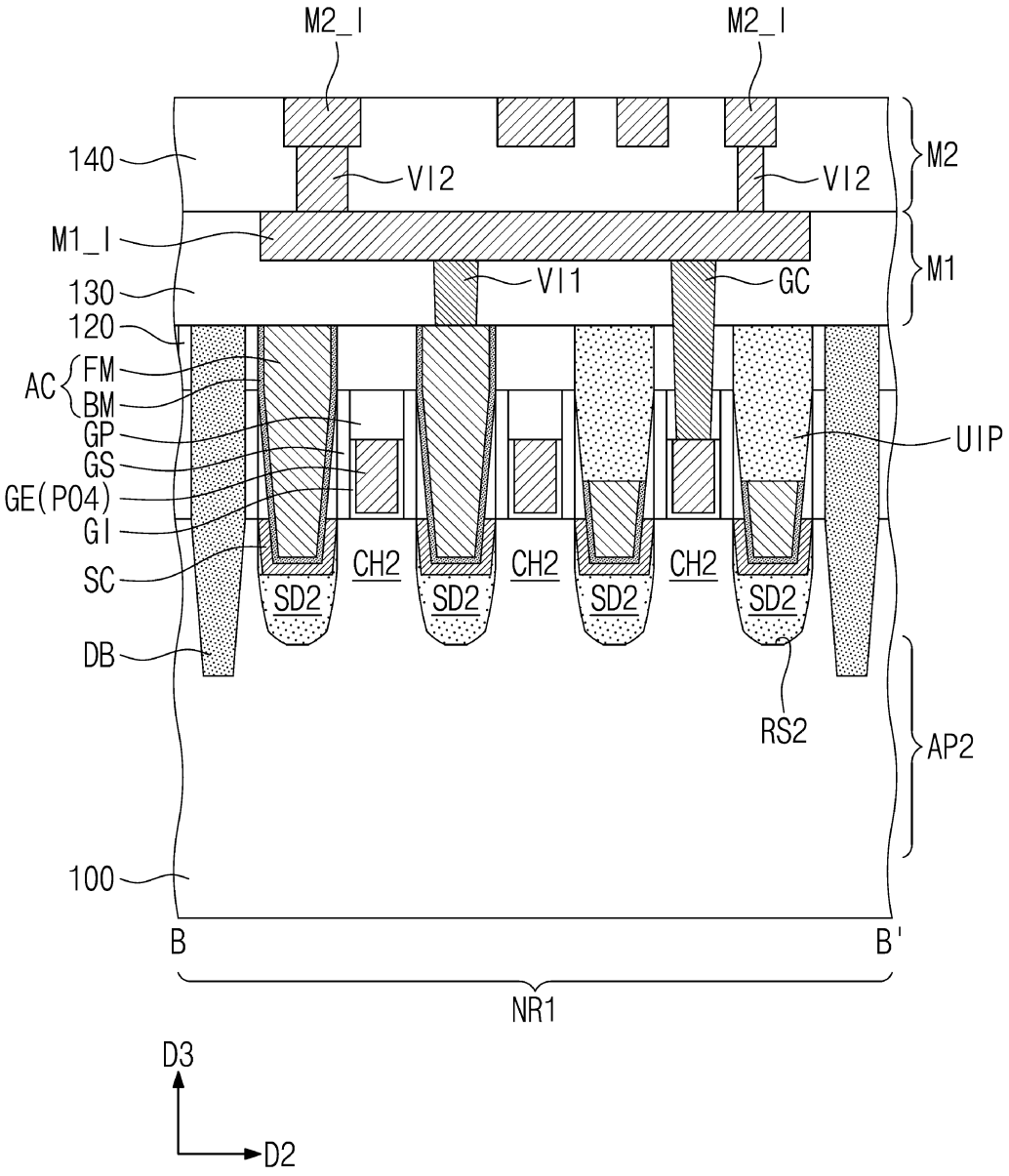

M2_I
M2_I
140
VI2
VI2
M2
M1_I
M1
130
VI1
GC
120
AC
FM
BM
GP
GS
GE(P04)
GI
SC
DB
UIP
CH2
CH2
CH2
SD2
SD2
SD2
SD2
RS2
AP2
100
B
B'
NR1
D3
D2

FIG. 19C

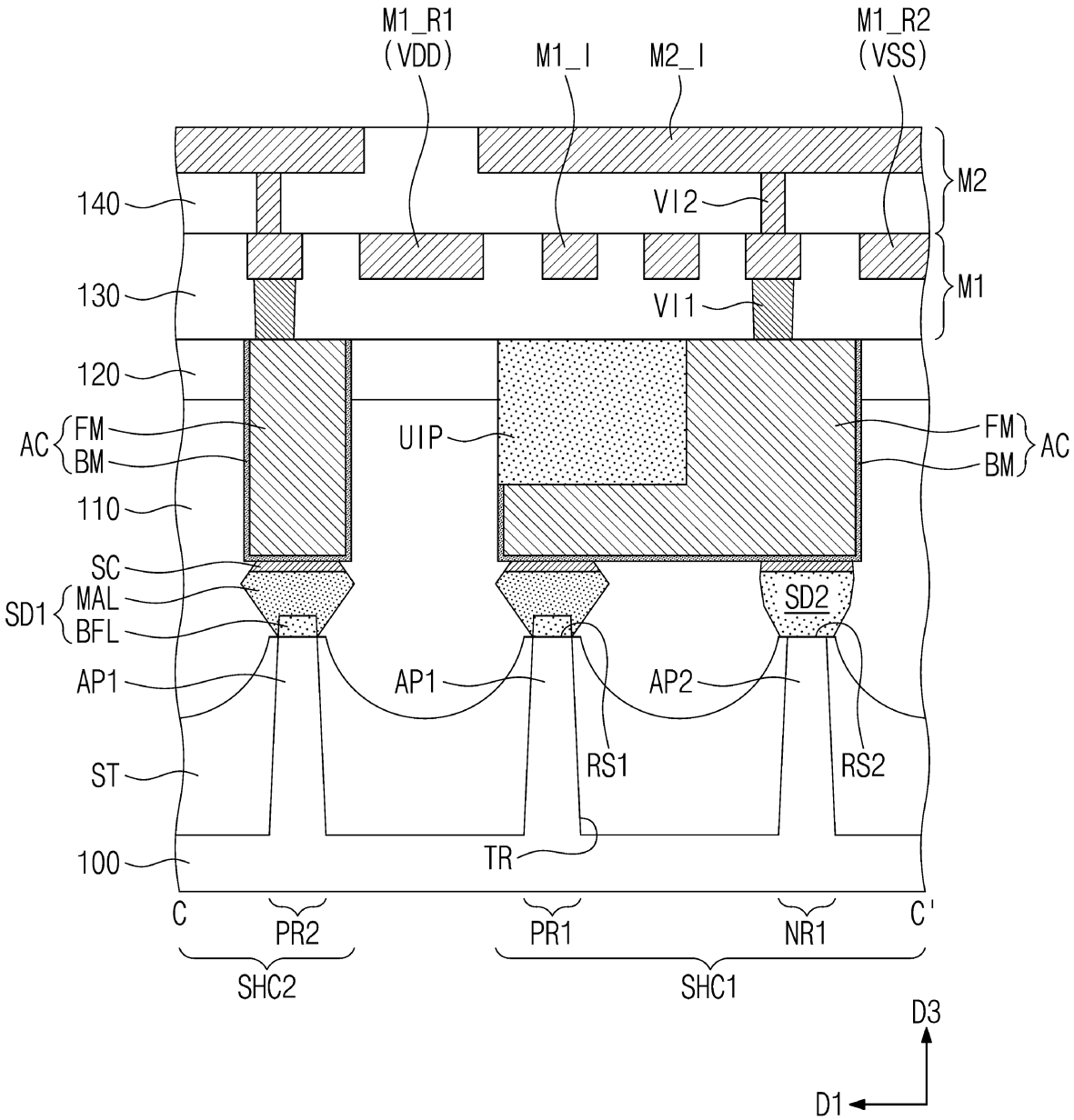
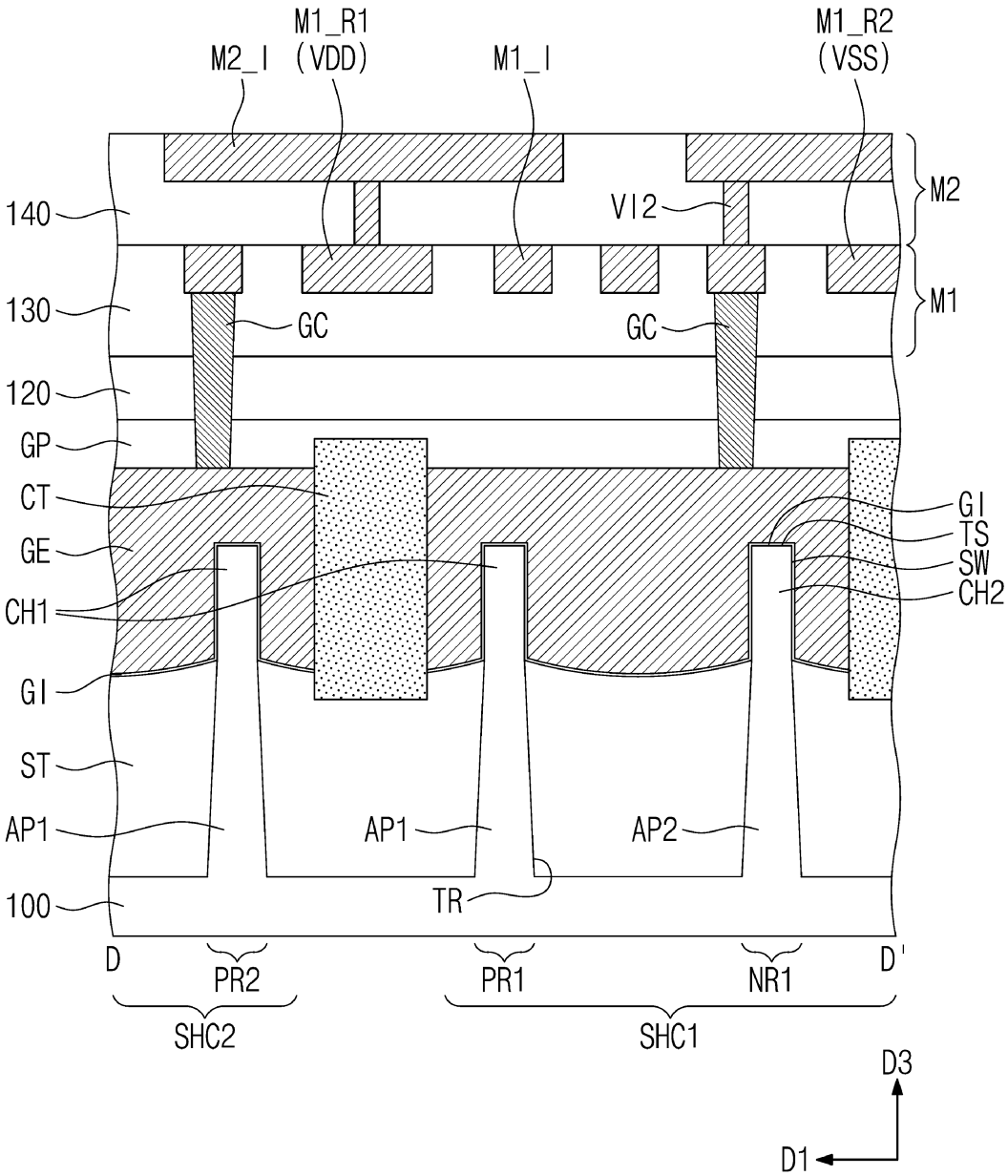

M1_R1
(VDD)
M1_I
M2_I
M1_R2
(VSS)
M2
VI2
140
130
M1
VI1
120
AC
FM
BM
UIP
FM
BM
AC
110
SC
SD1
MAL
BFL
SD2
AP1
AP1
AP2
ST
RS1
RS2
100
TR
C
PR2
PR1
NR1
C'
SHC2
SHC1
D3
D1

FIG. 19D


M1_R1
(VDD)
M2_I
M1_I
M1_R2
(VSS)
M2
VI2
140
130
M1
GC
GC
120
GP
CT
GE
CH1
GI
ST
AP1
AP1
AP2
100
TR
GI
TS
SW
CH2
D
PR2
PR1
NR1
D'
SHC2
SHC1
D3
D1