

FIG. 1

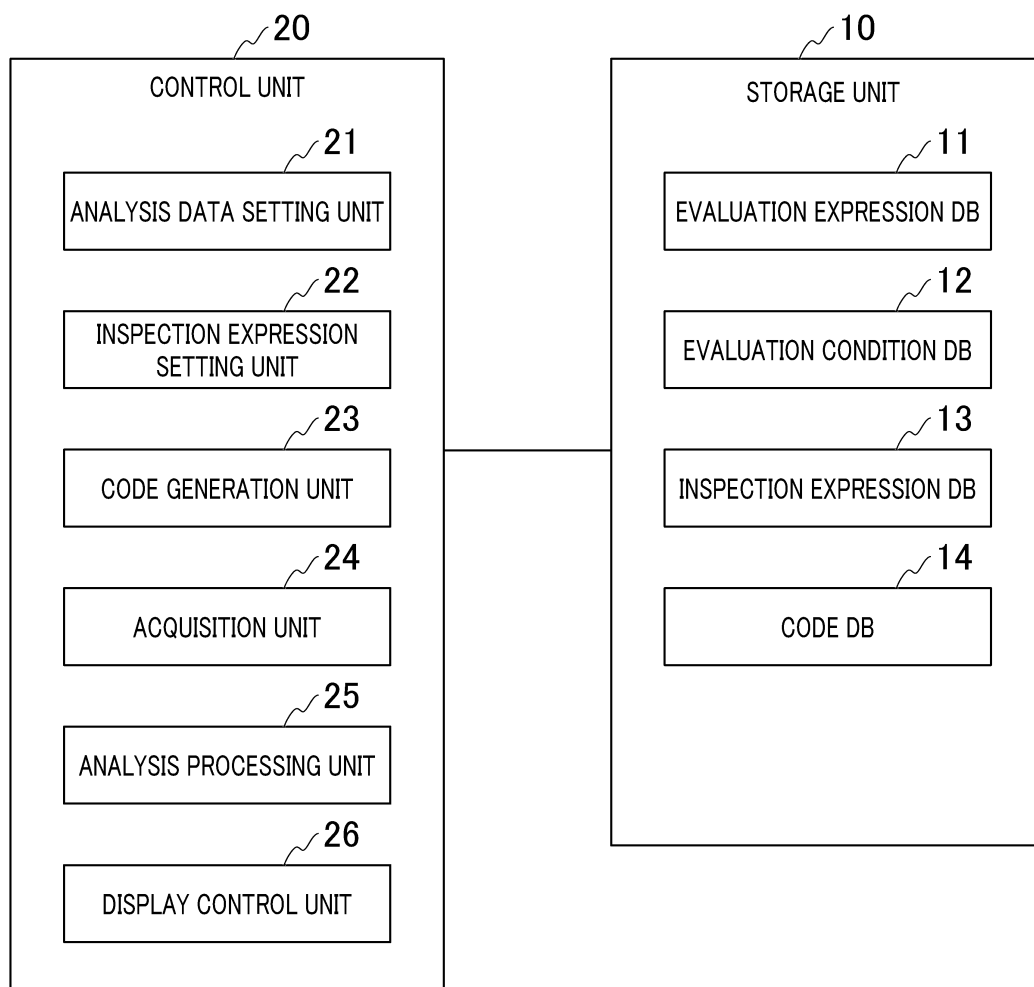
1

FIG. 2

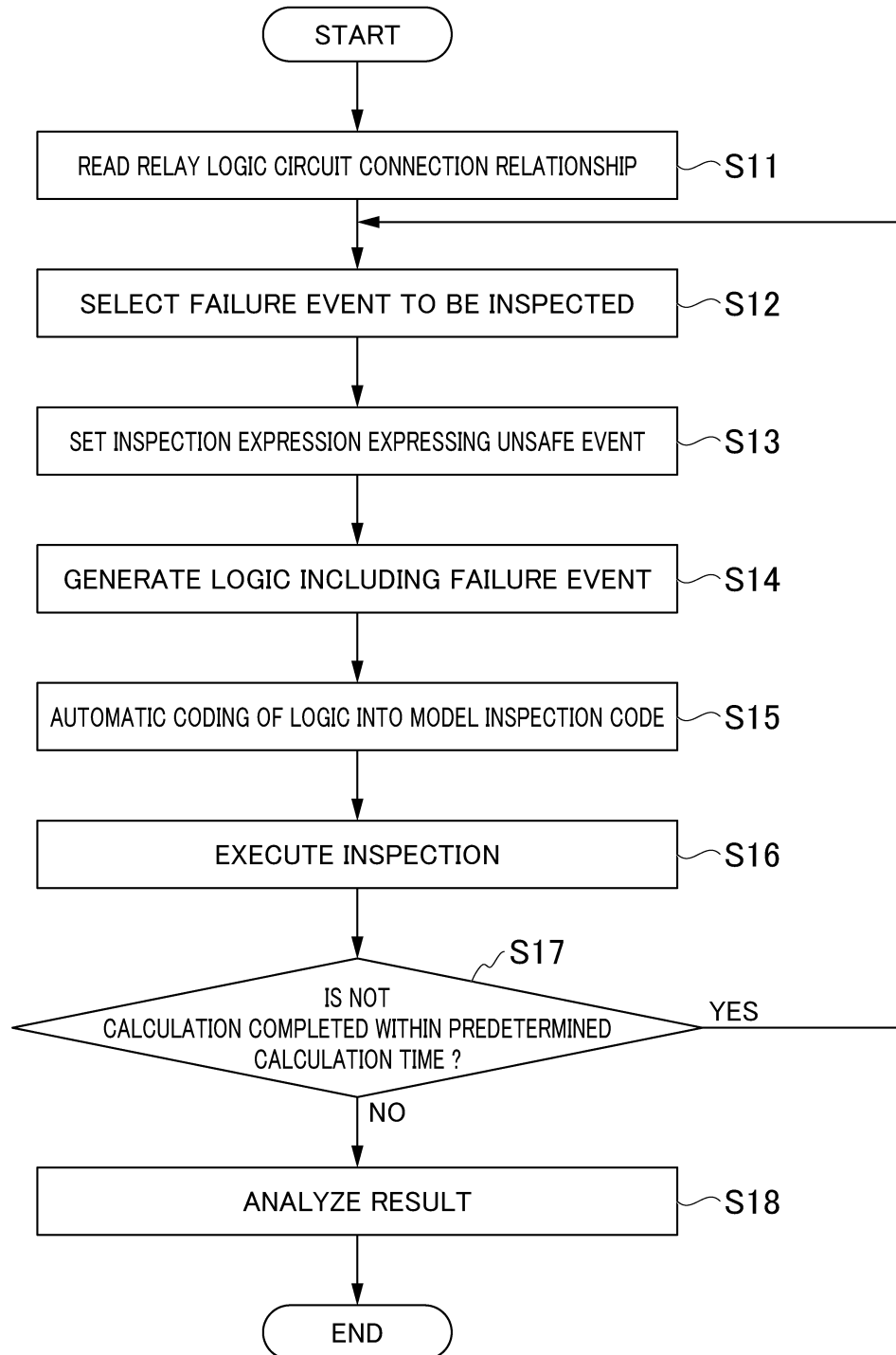


FIG. 3

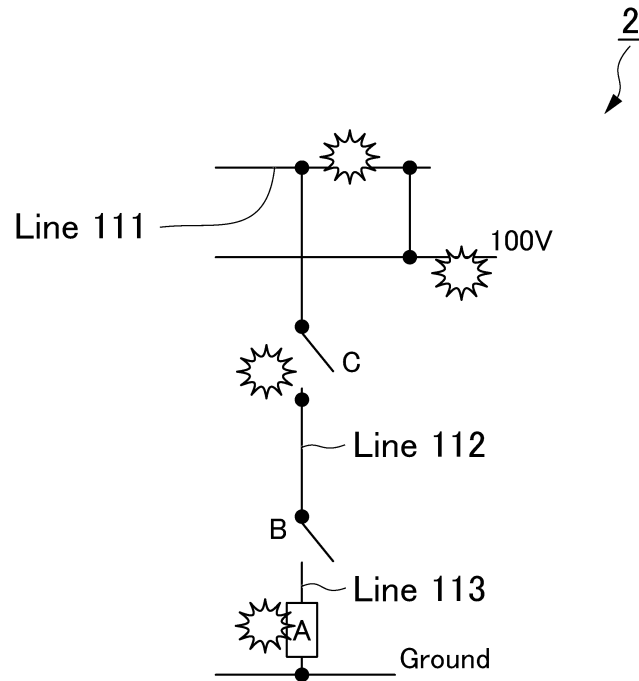


FIG. 4

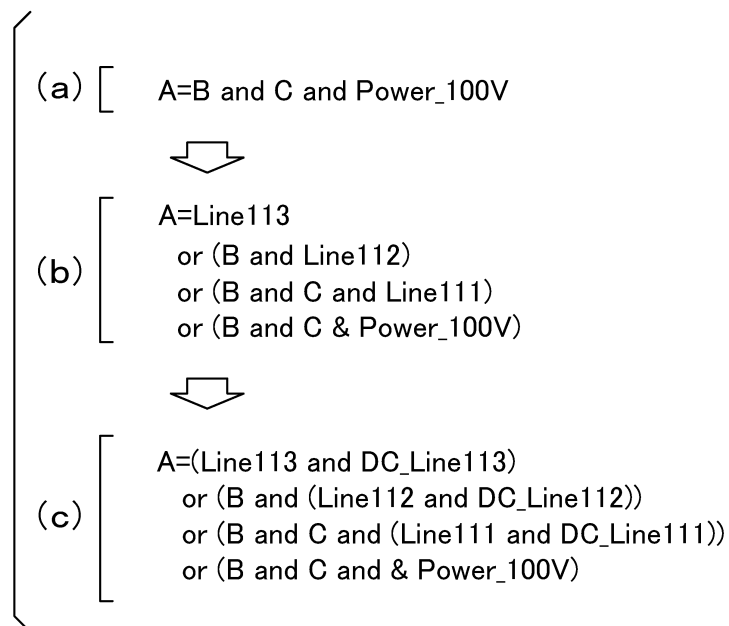


FIG. 5

```
1: [ Module main
2: [ VAR
   Switch_B: boolean;
   Switch_C: boolean;
   ...
3: [ DEFINE
   Line111: TRUE;
   ...
4: [ ASSIGN
   init(Relay_C): =False;
   next(Relay_C): =Switch_B and Switch_Cand Line111 & Power_100V;
   ...
5: [ SPEC
   !EF(ProcessX=TRUE      &   Relay_C=FALSE)
```

FIG. 6

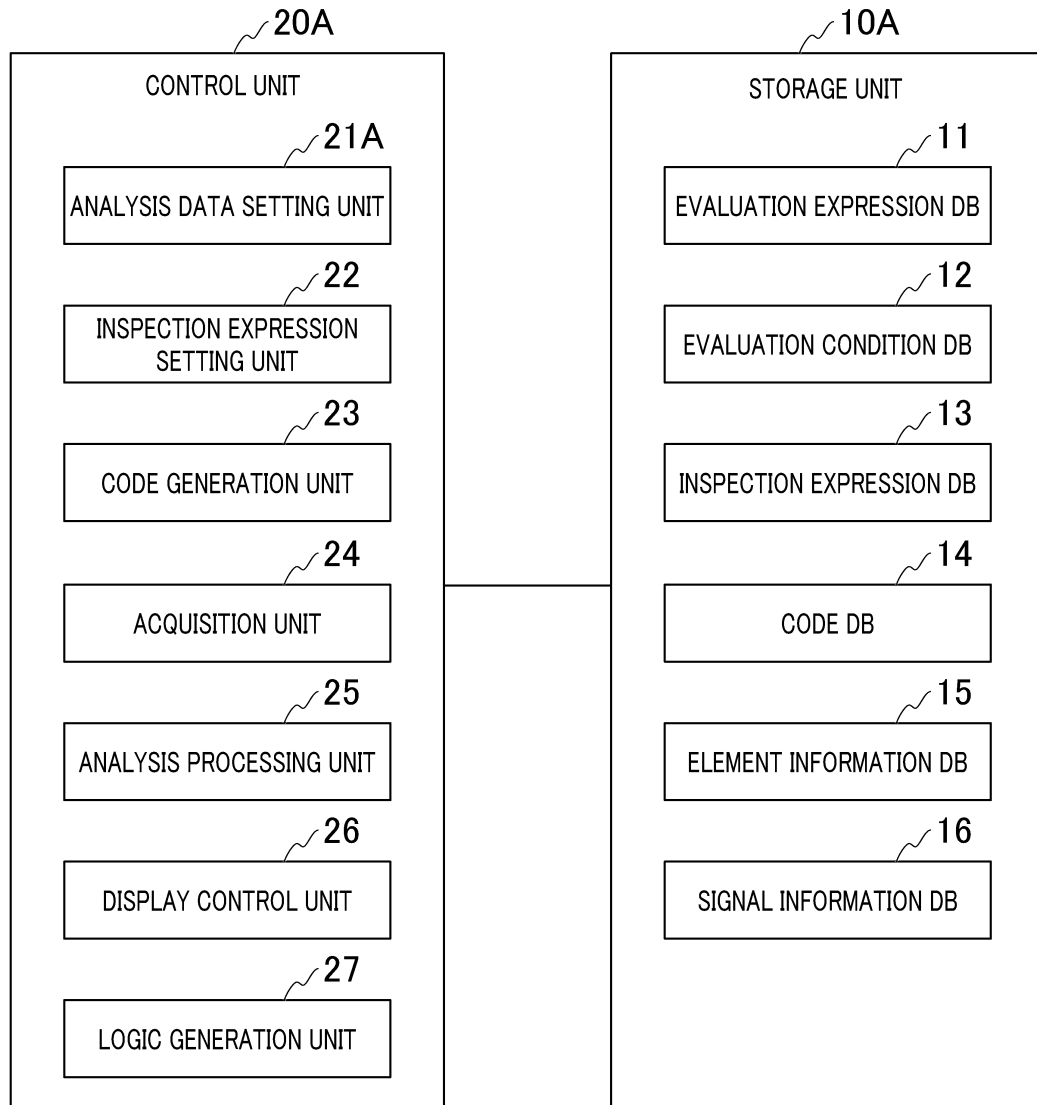
1A

FIG. 7

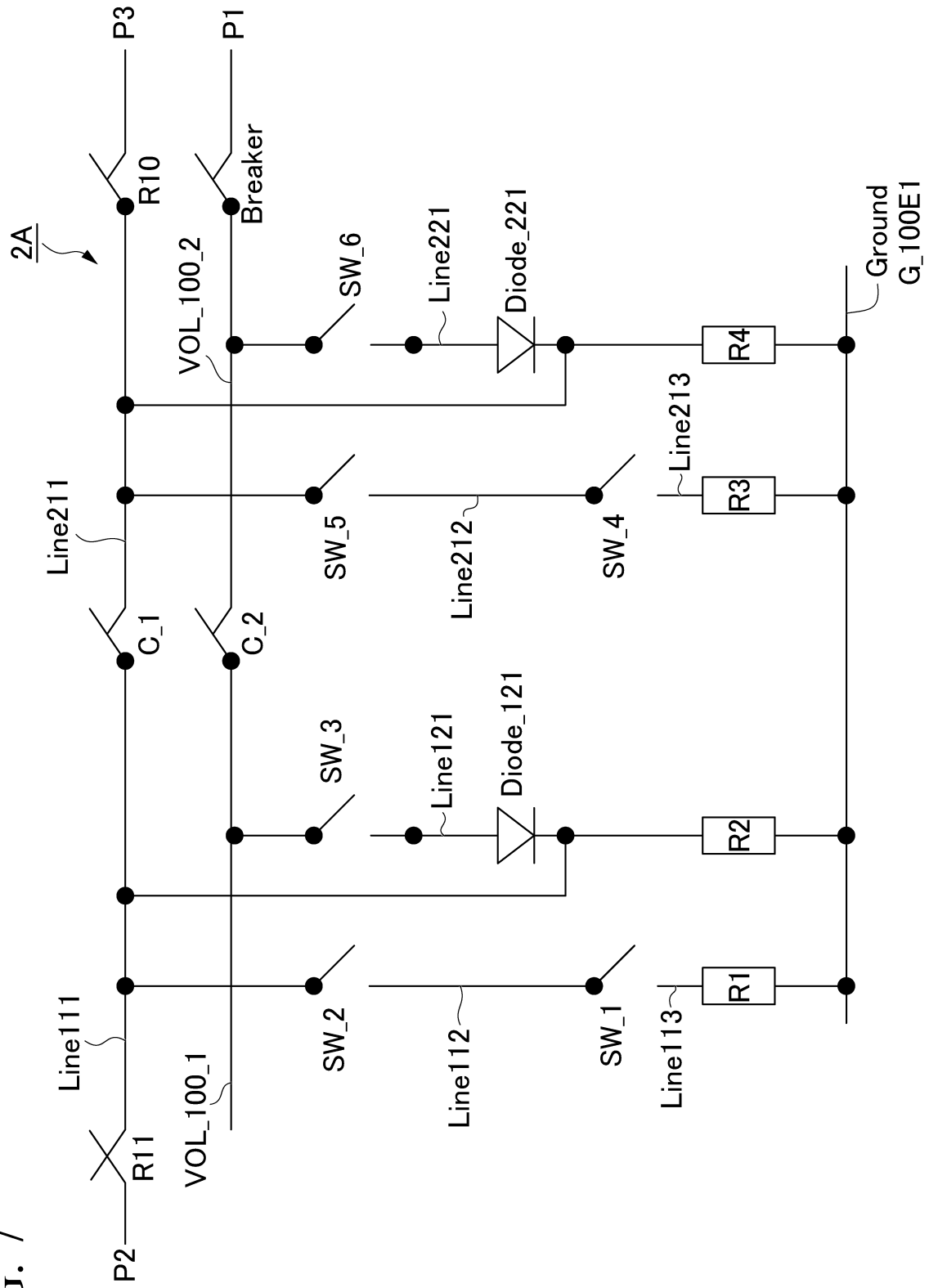


FIG. 8

POWER SUPPLY UNIT	BREAKER	CONNECTOR PART	CONNECTION POINT
P1(100V)	Breaker	C_2	VOL_100_2
-	-	C_2	VOL_100_1
P2(4V_1)	R11	C_1	111
P3(4V_2)	R10	C_1	211

FIG. 9

No.	Device	COMMON	b-CONTACT	a-CONTACT
1	R1	113		G_100E1
2	R2	111		G_100E1
3	R3	213		G_100E1
4	R4	211		G_100E1
5	SW_1	112		113
6	SW_2	111		112
7	Diode_121	121	111	
8	SW_3	VOL_100_1		121
9	SW_4	212		213
10	SW_5	211		212
11	Diode_221	221	211	
12	SW_6	VOL_100_2		221
13	C_1	111	211	
	⋮	⋮	⋮	⋮

SA31

SA32

SA33

SA34

SA35

FIG. 10

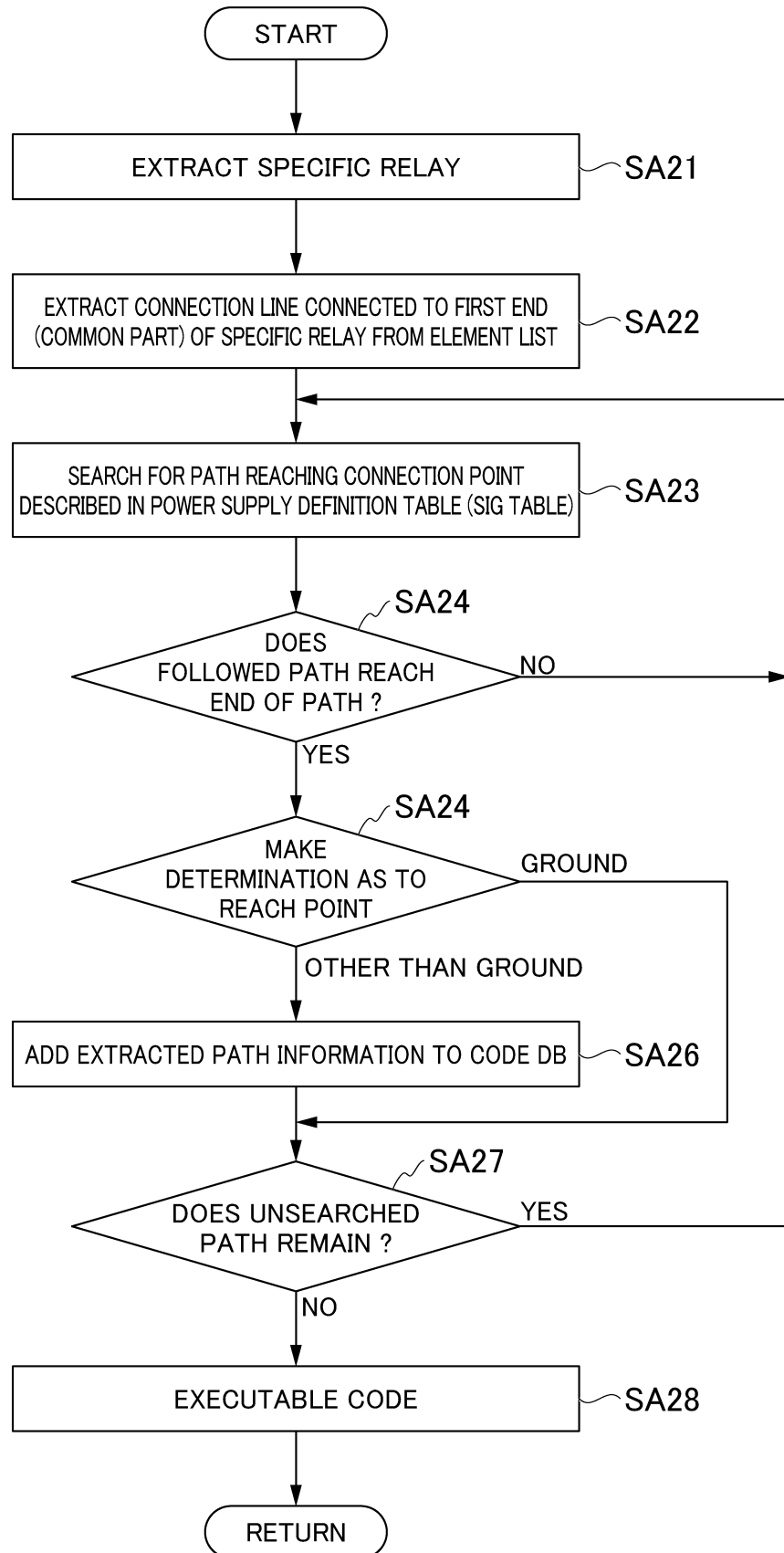


FIG. 11

No.	Device	COMMON	b-CONTACT	a-CONTACT
1	R1	113		G_100E1
2	R2	111		G_100E1
3	R3	213		G_100E1
4	R4	211		G_100E1
5	SW_1	112		113
6	SW_2	111		112
7	Diode_121	121	111	
8	SW_3	VOL_100_1		121
9	SW_4	212		213
10	SW_5	211		212
11	Diode_221	221	211	
12	SW_6	VOL_100_2		221
13	C_1	111	211	
	⋮	⋮	⋮	⋮

FIG. 12

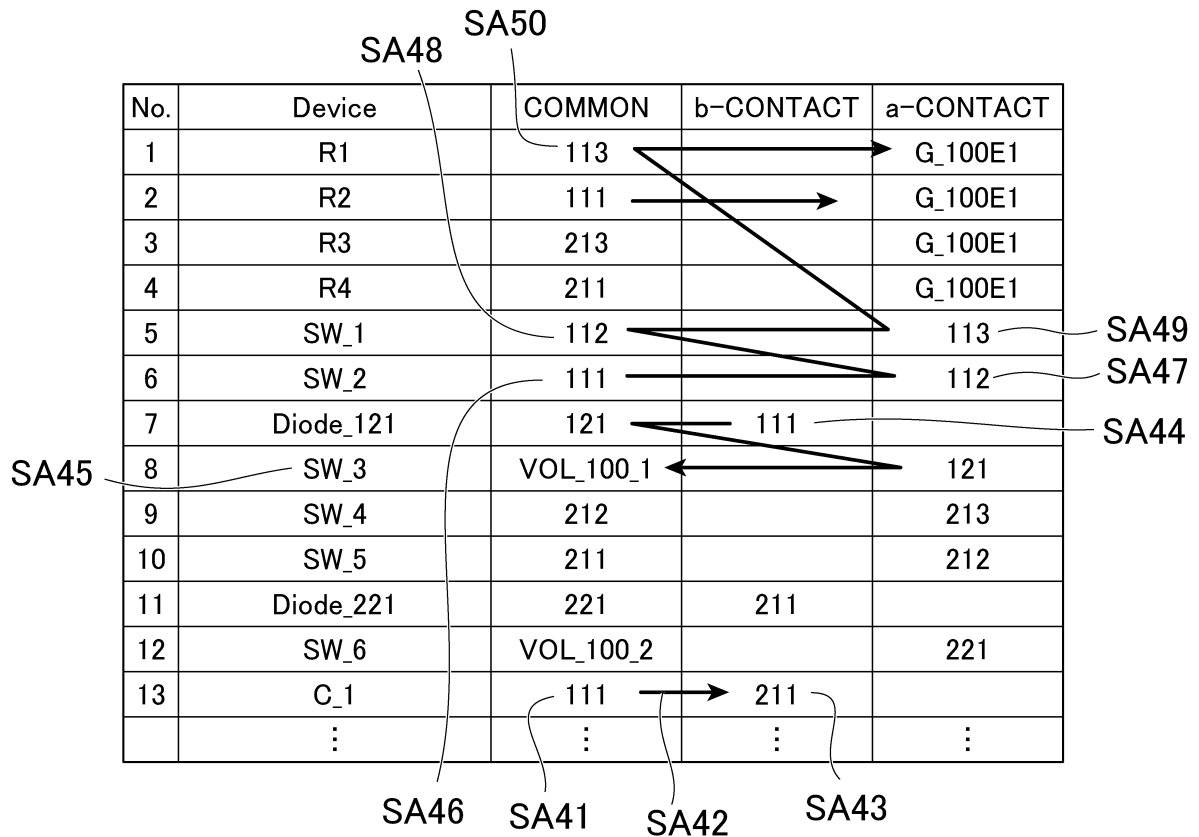


FIG. 13

