

FIG.1

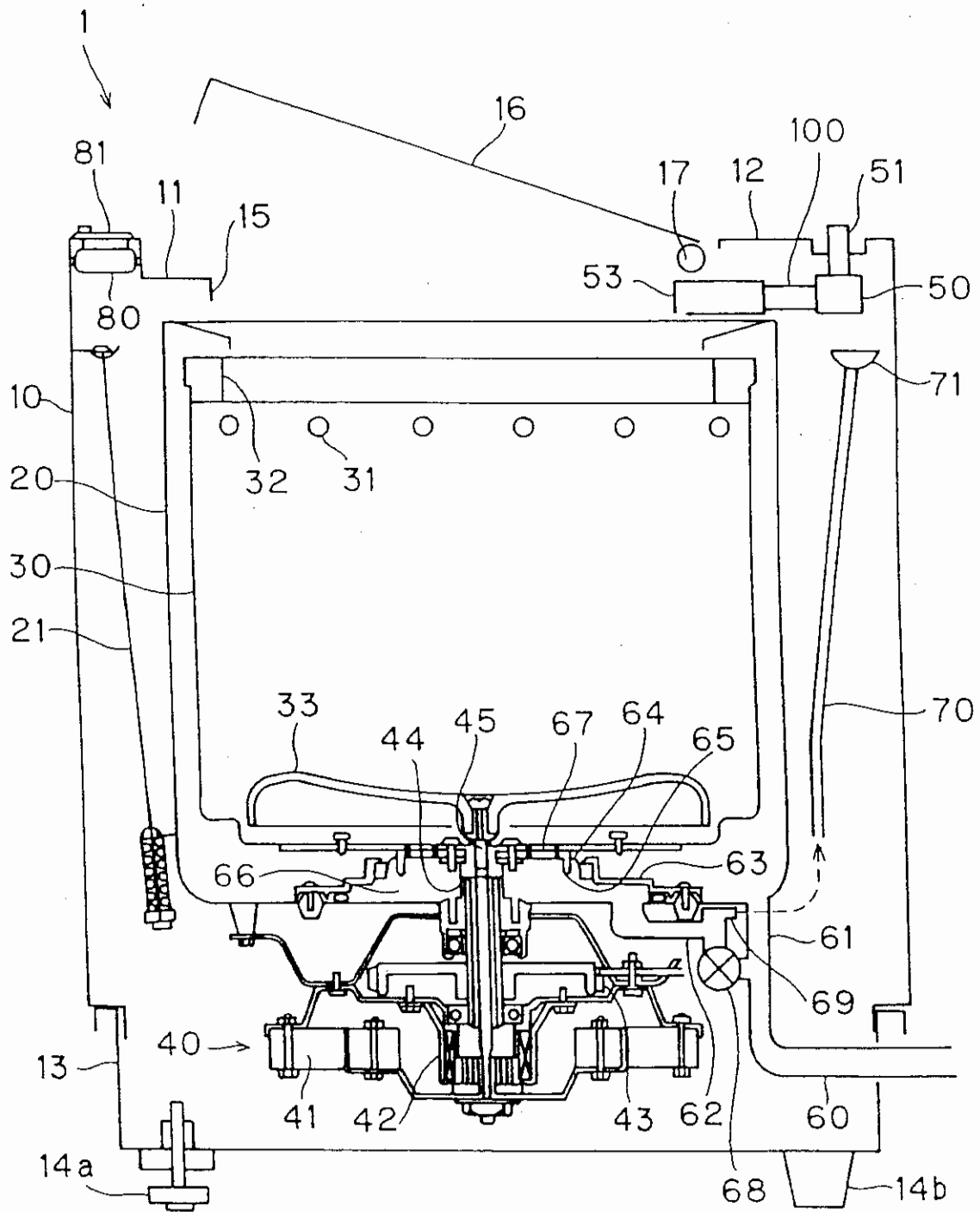


FIG. 2

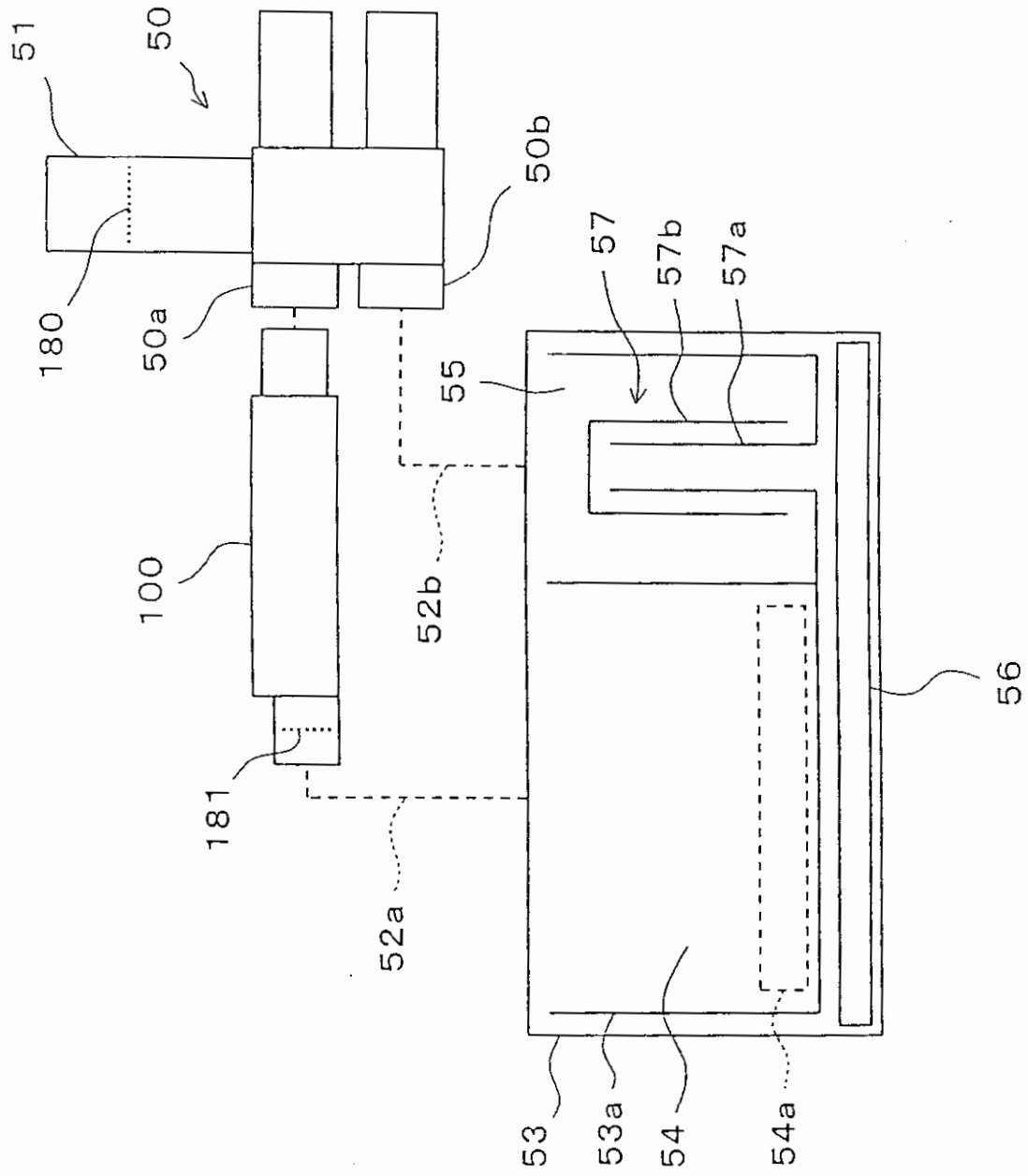


FIG. 3

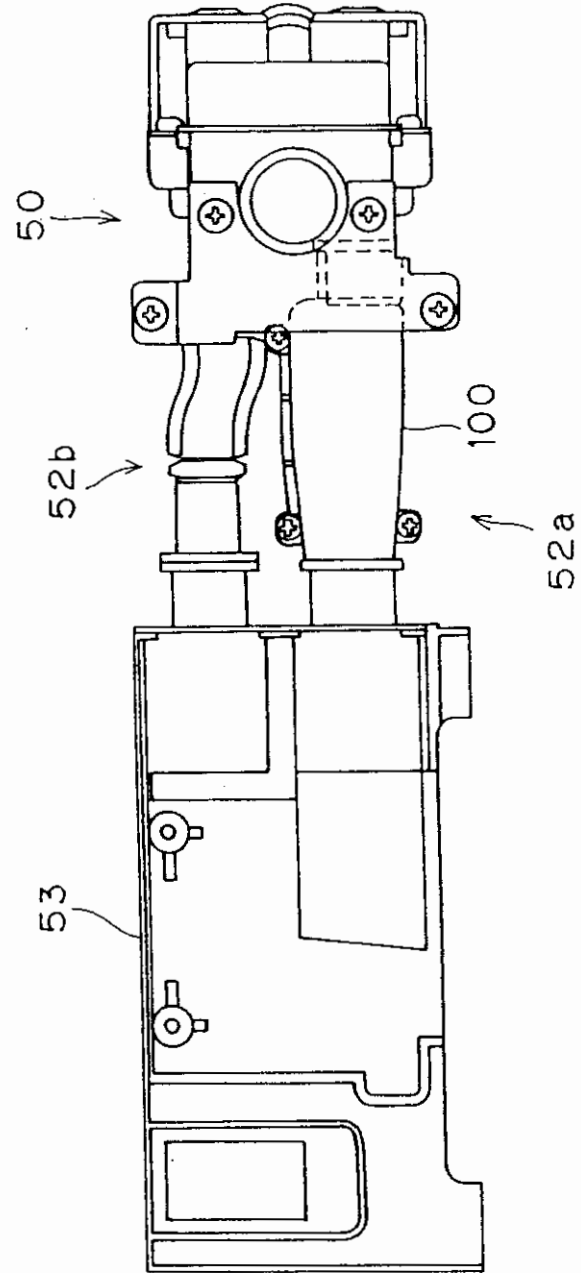


FIG.4

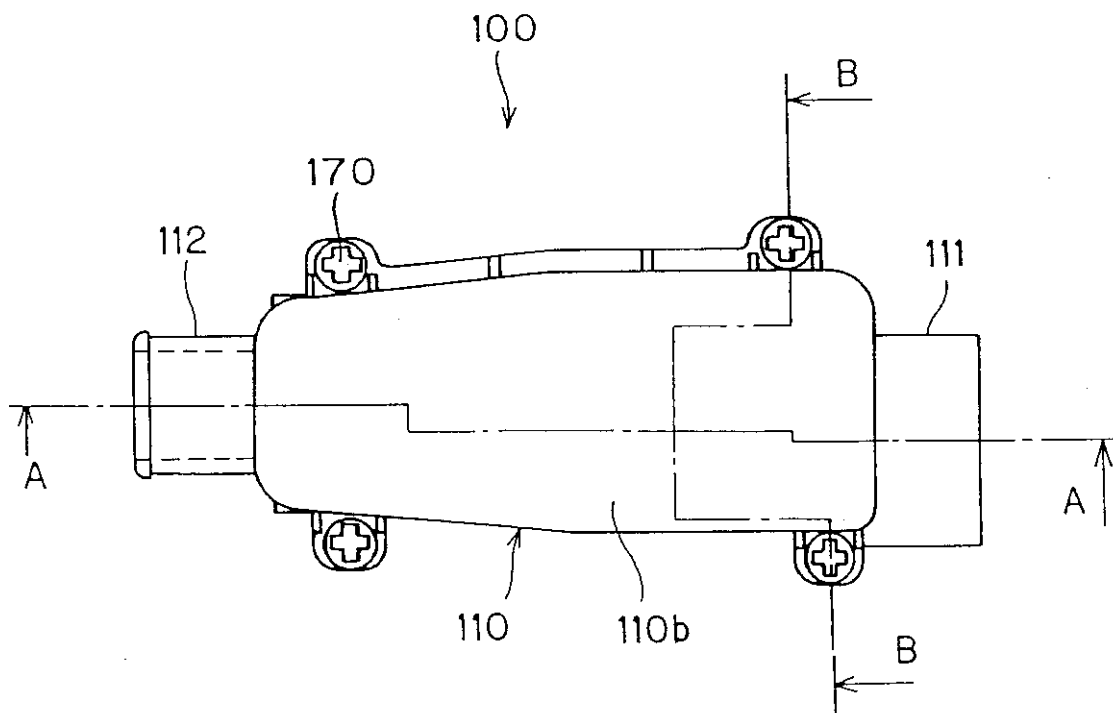


FIG. 5

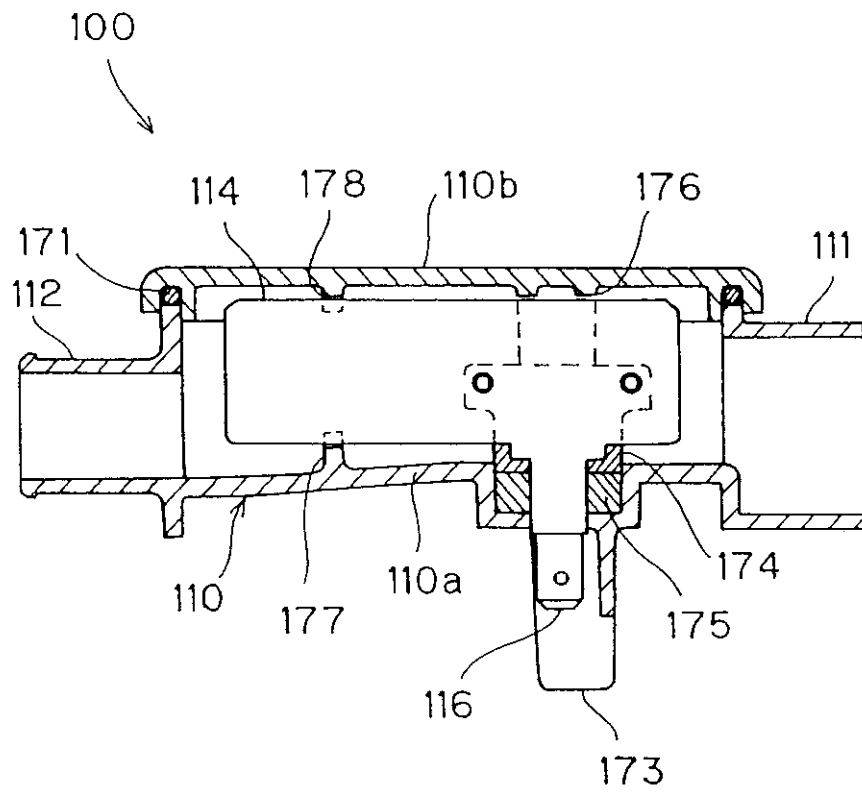


FIG.6

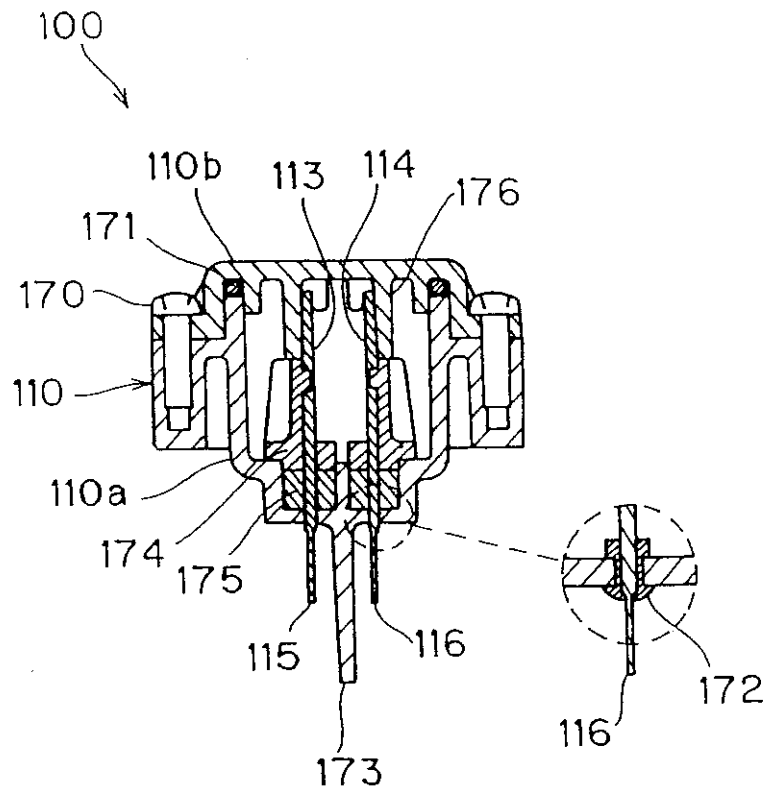


FIG.7

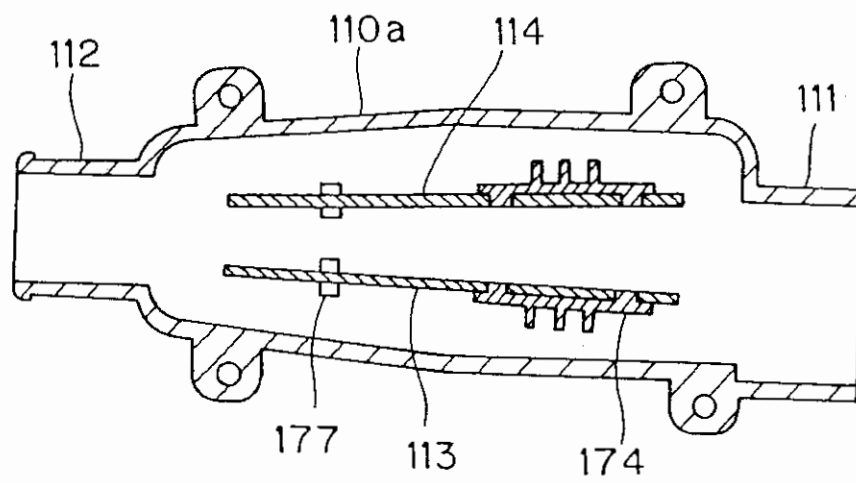


FIG. 8

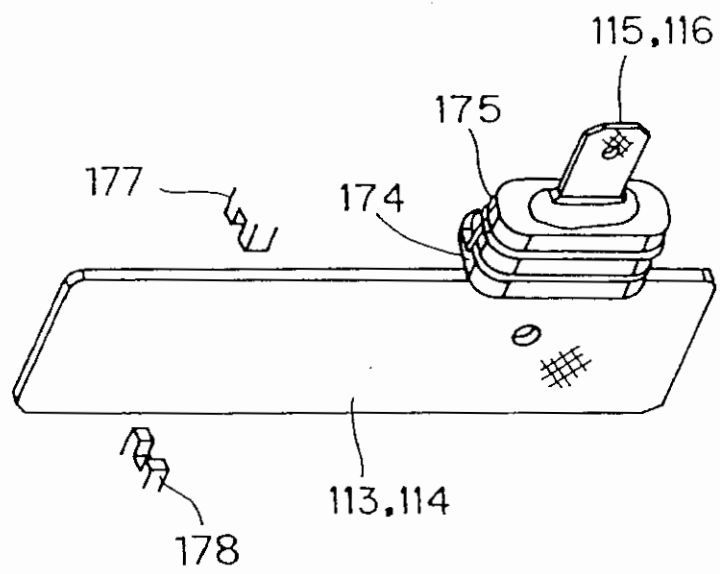


FIG.10

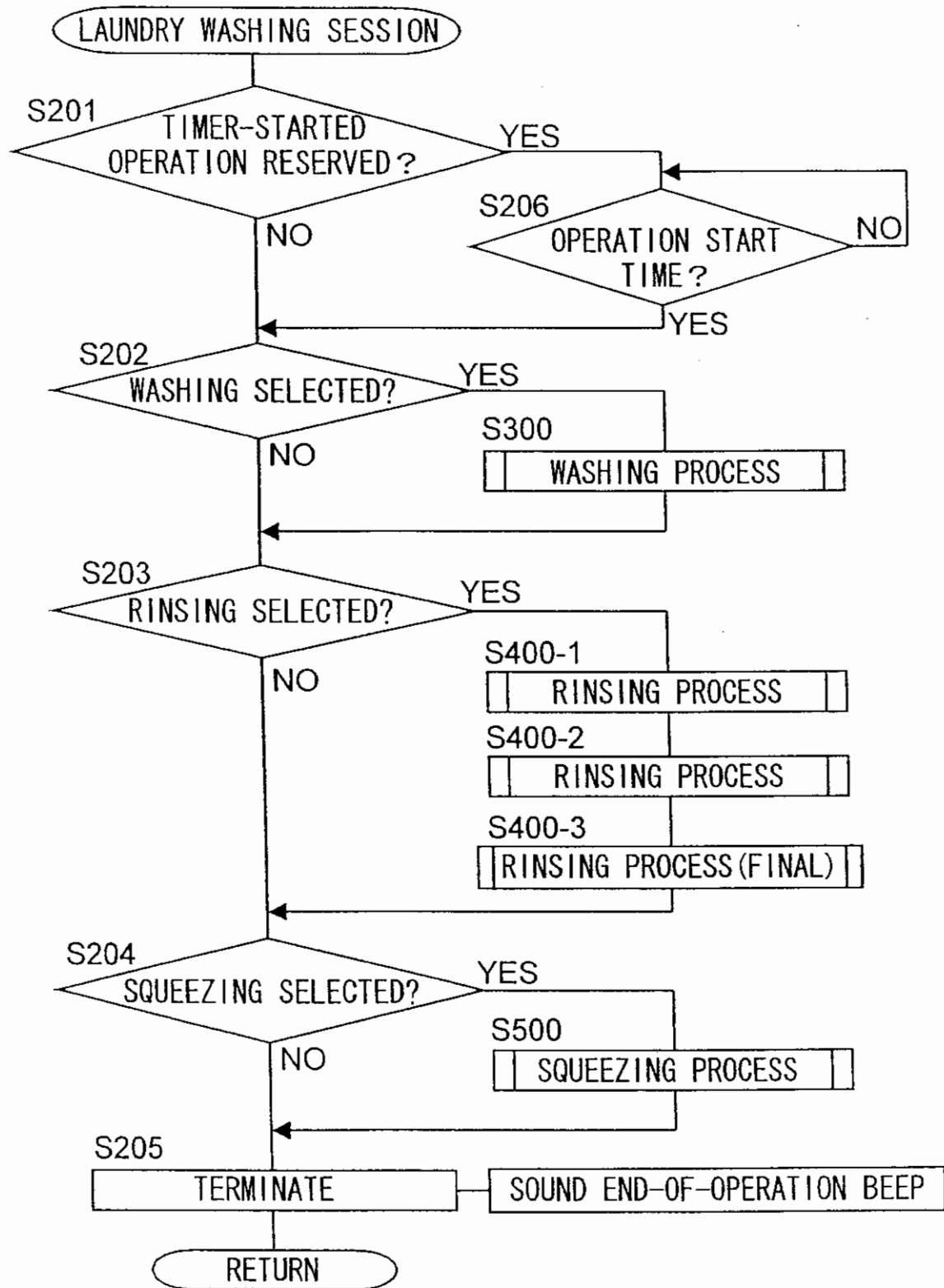


FIG.11

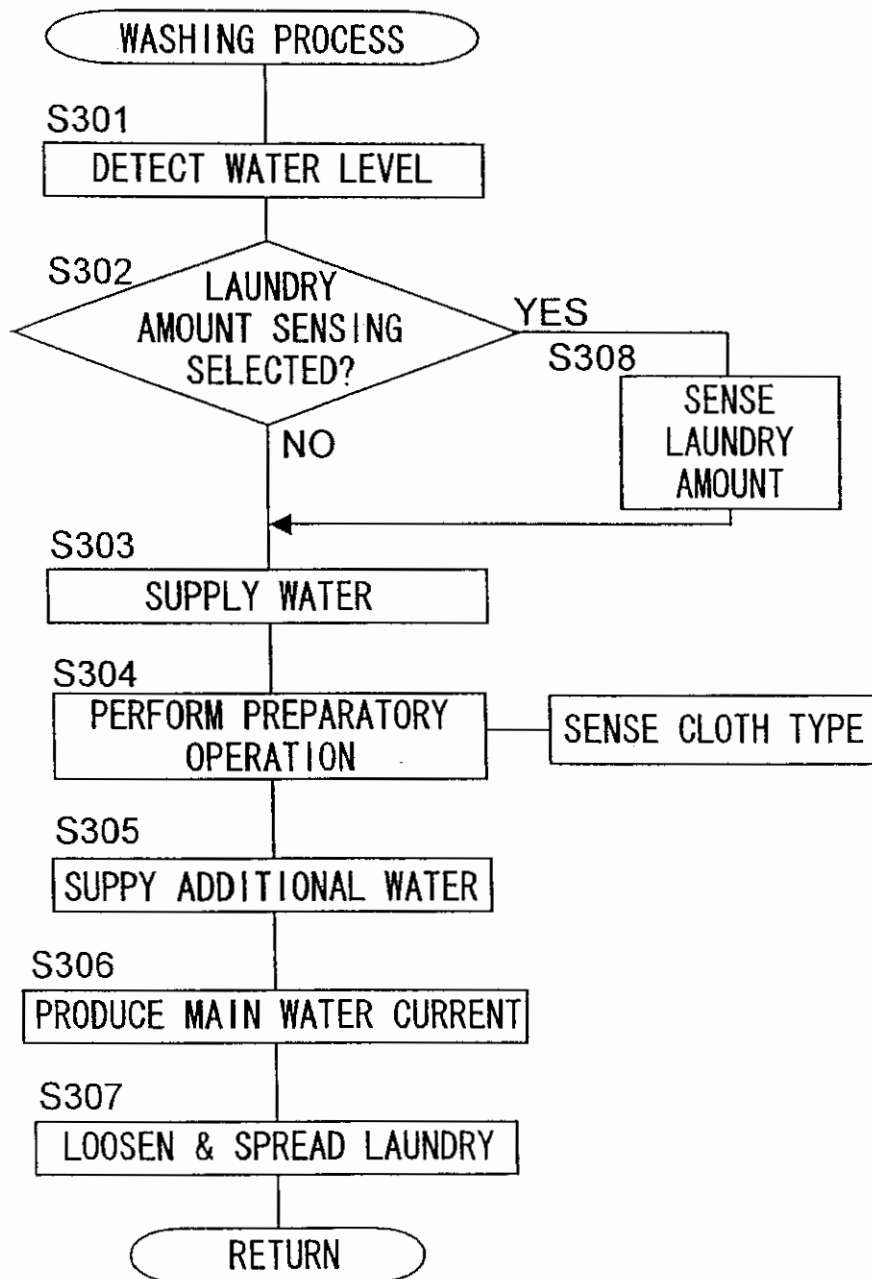


FIG.12

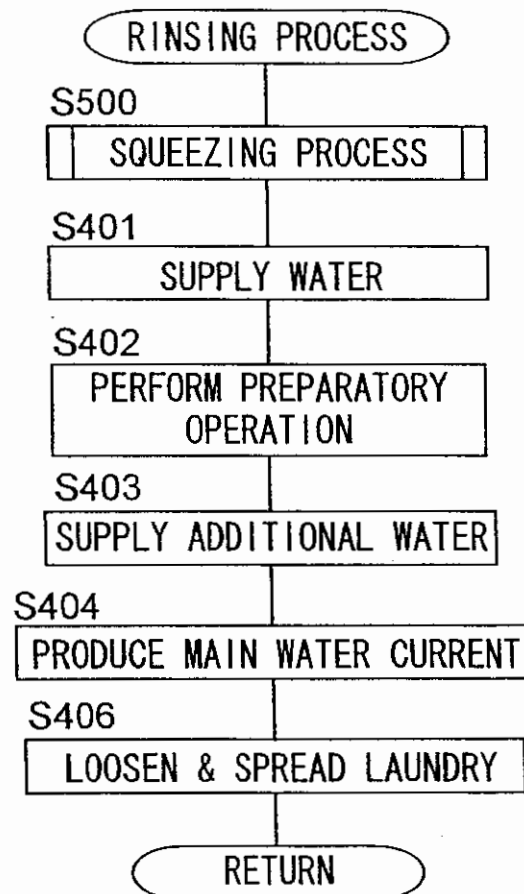


FIG.13

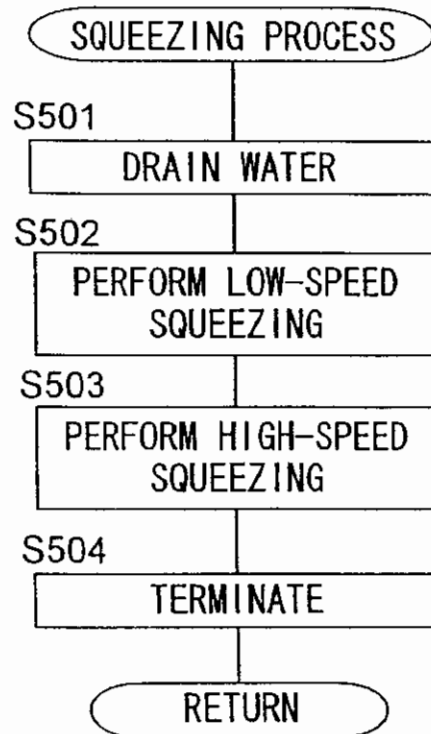


FIG.14

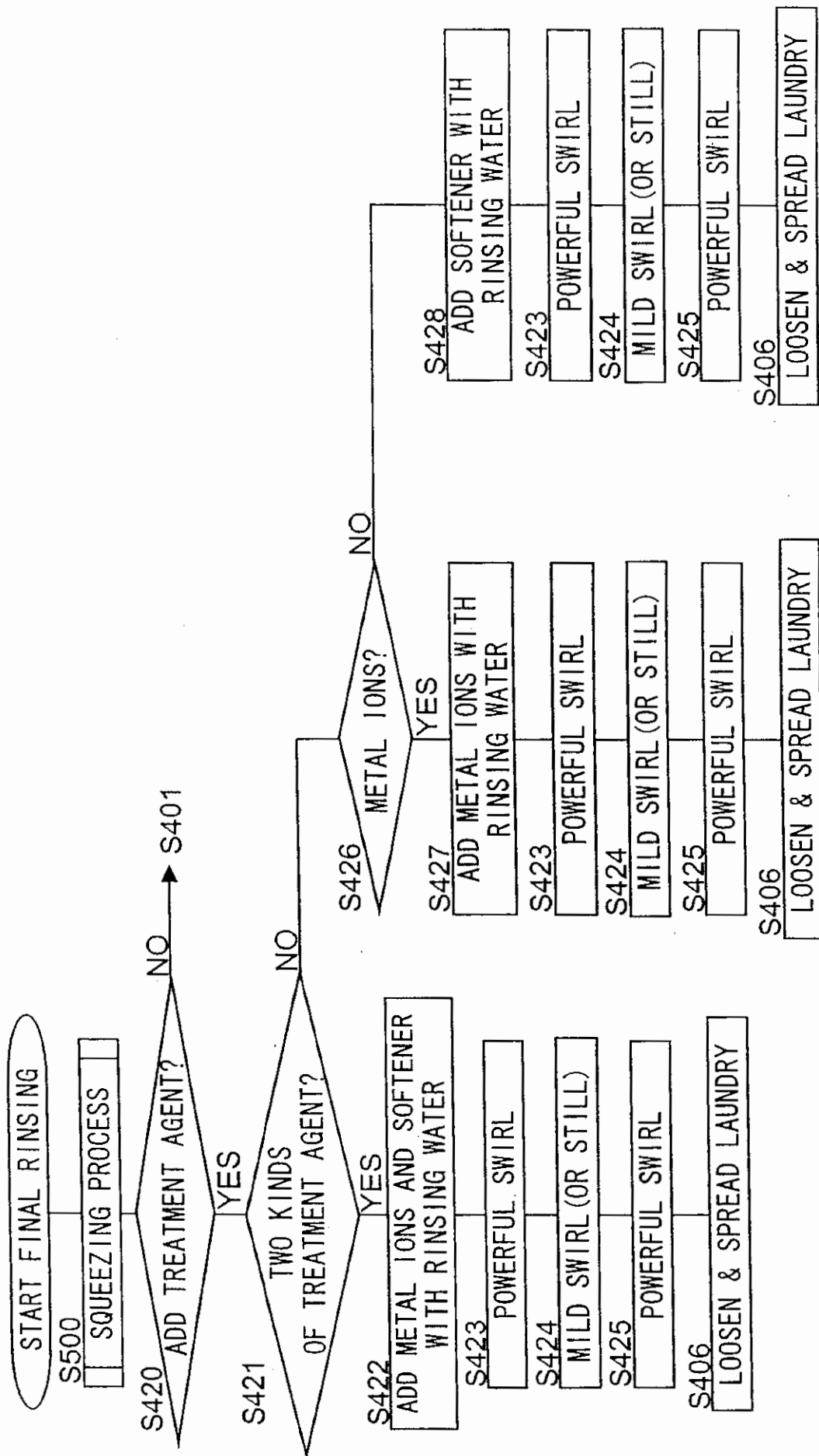


FIG.15

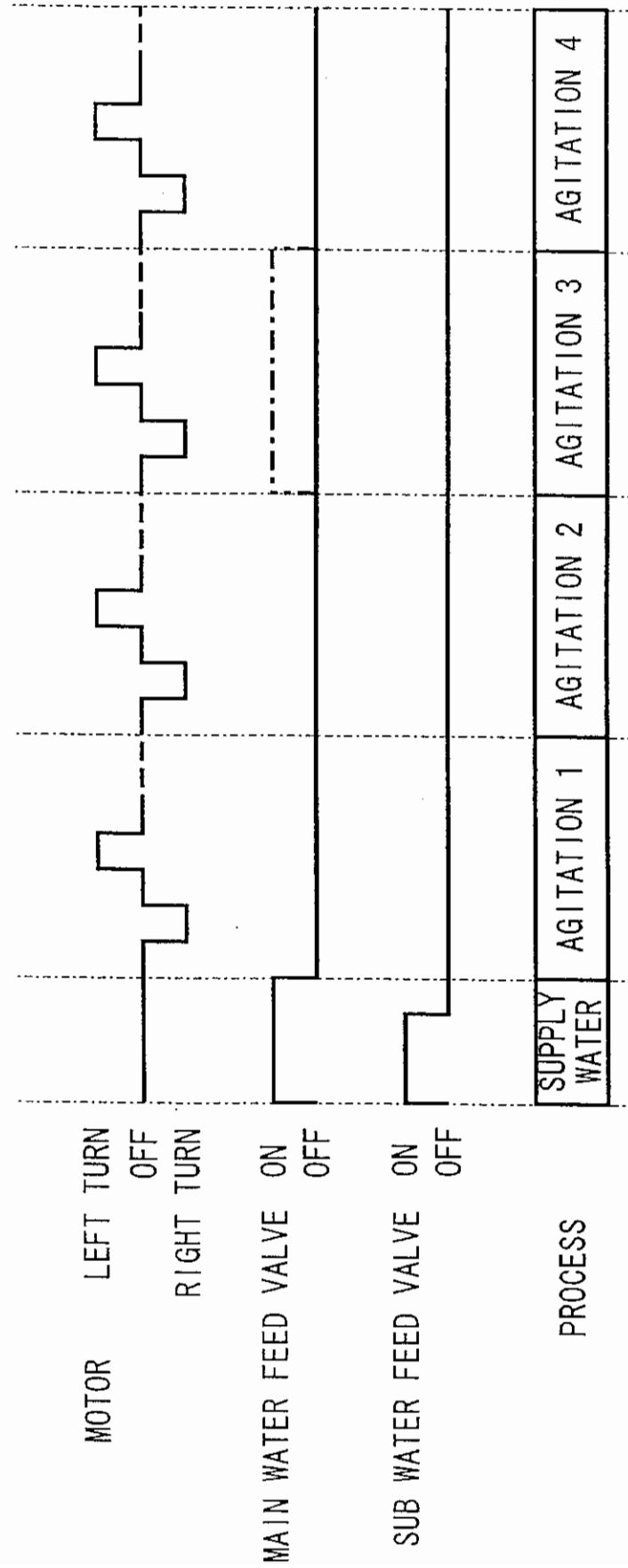


FIG.16

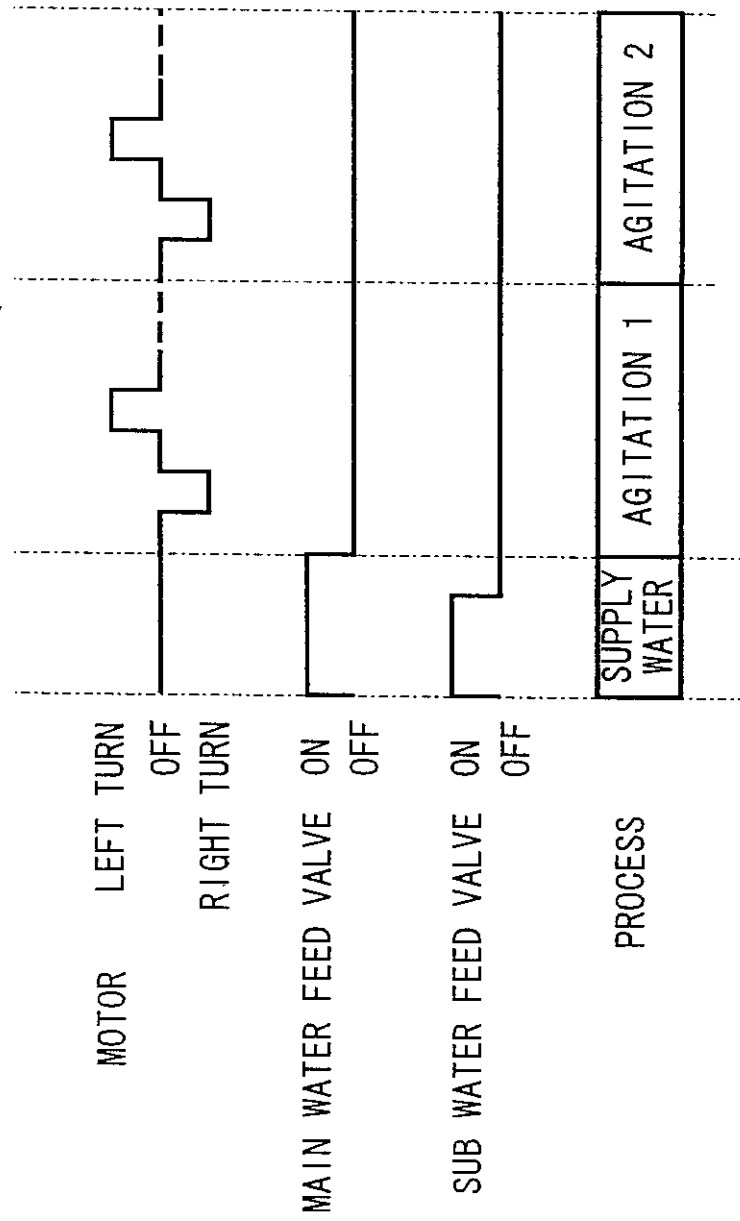
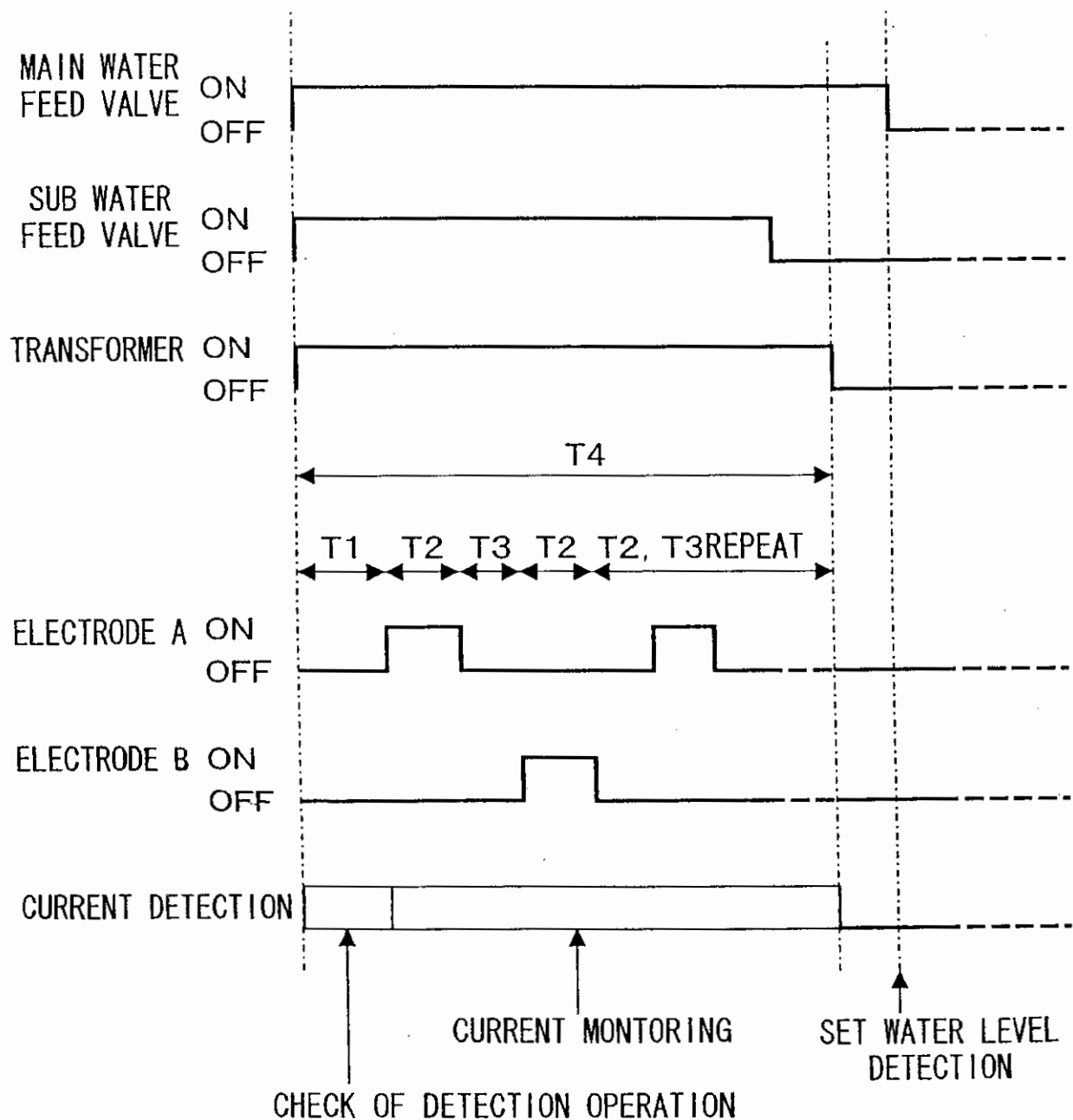


FIG.17



- T1: CURRENT DETECTION CIRCUIT
OPERATION CHECKING PERIOD
- T2: VOLTAGE APPLICATION PERIOD
- T3: VOLTAGE APPLICATION HALT PERIOD
- T4: ION ELUTION PERIOD