

FIG. 1

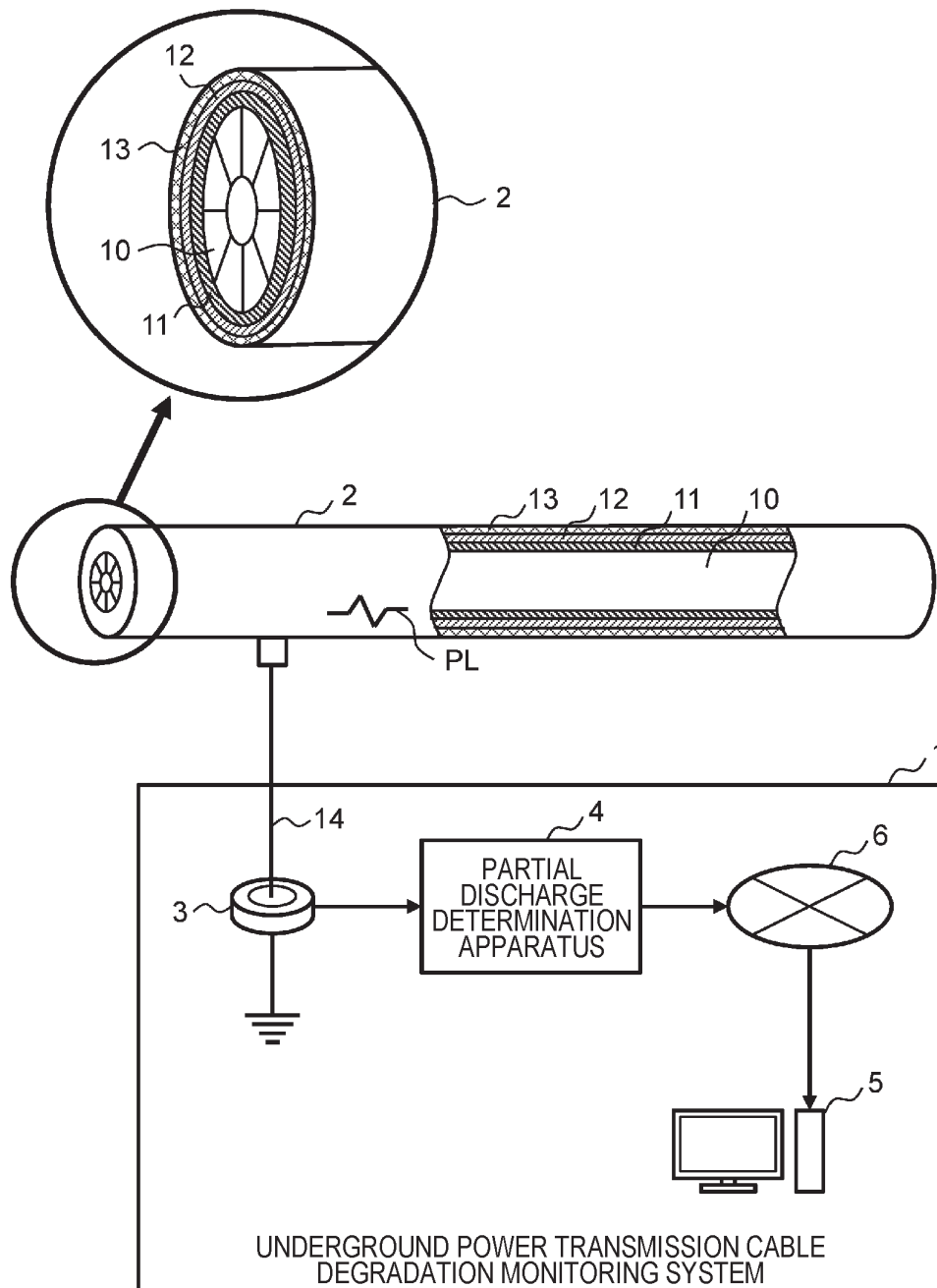


FIG. 2

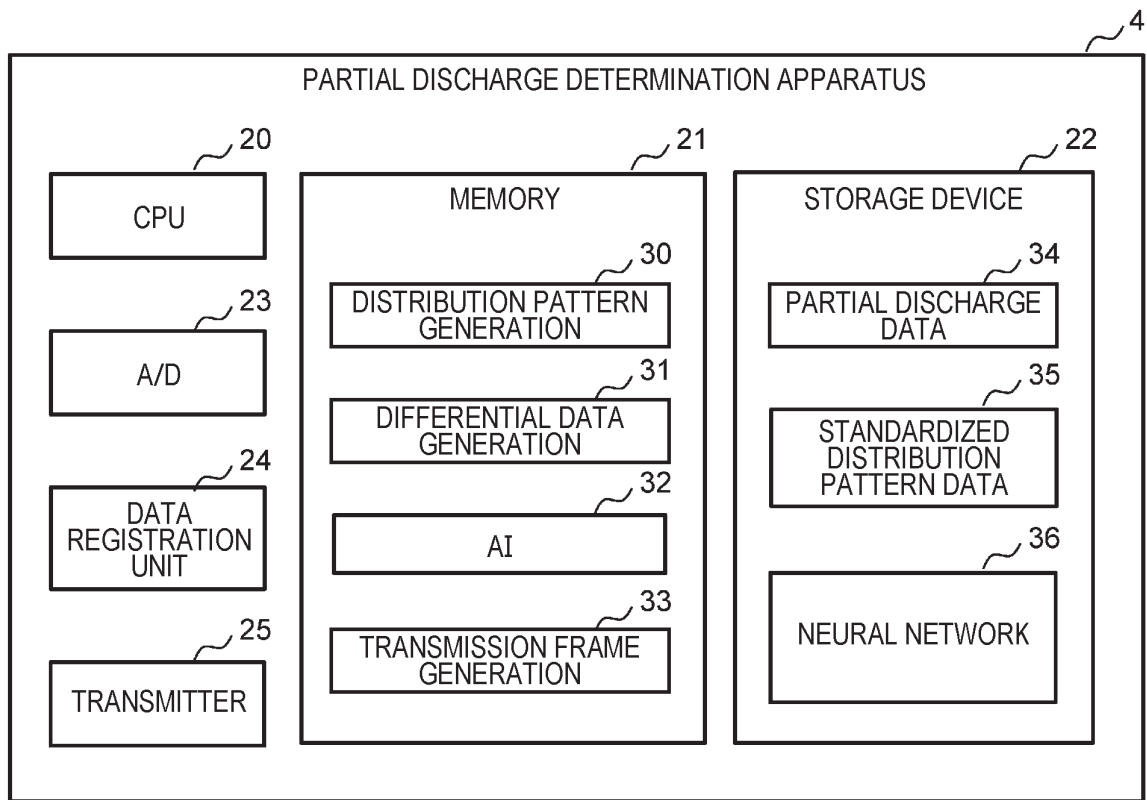


FIG. 3

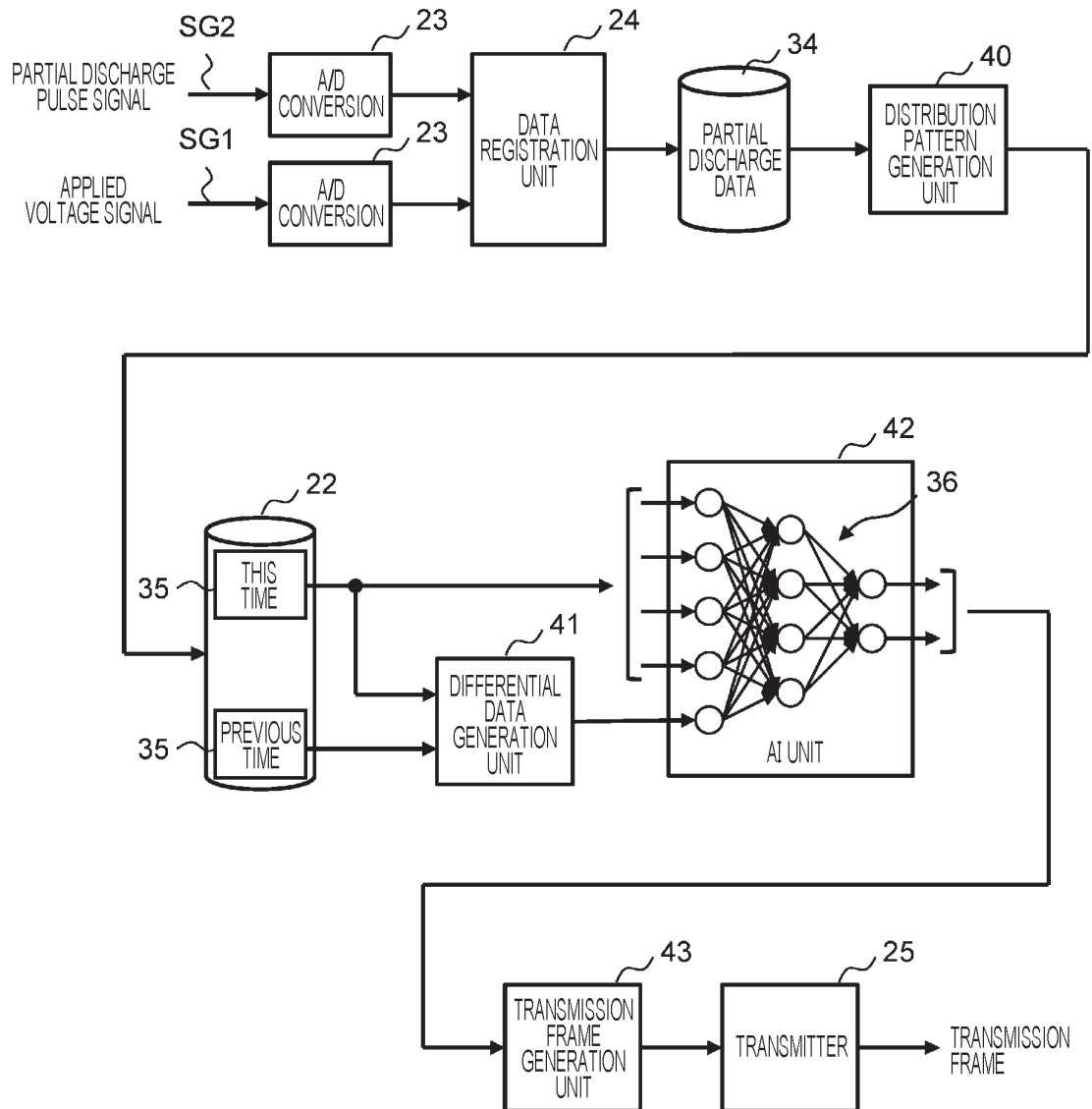


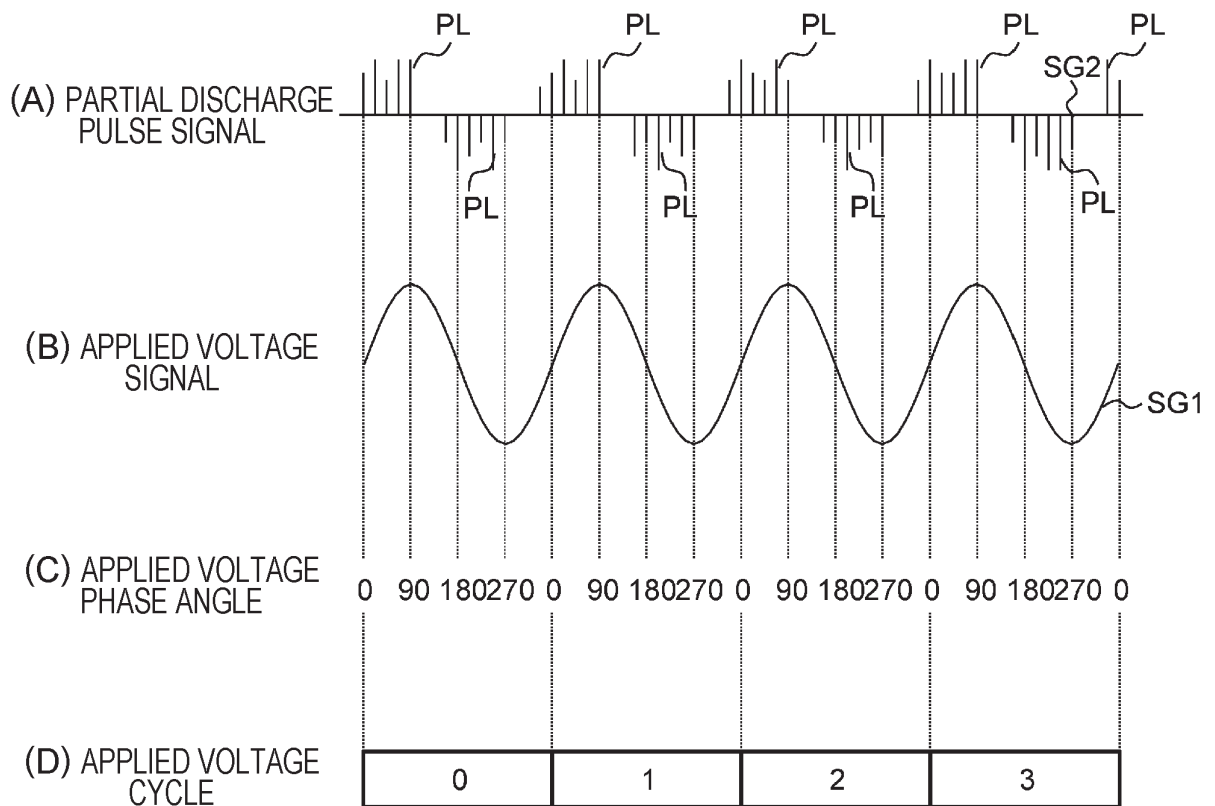
FIG. 4

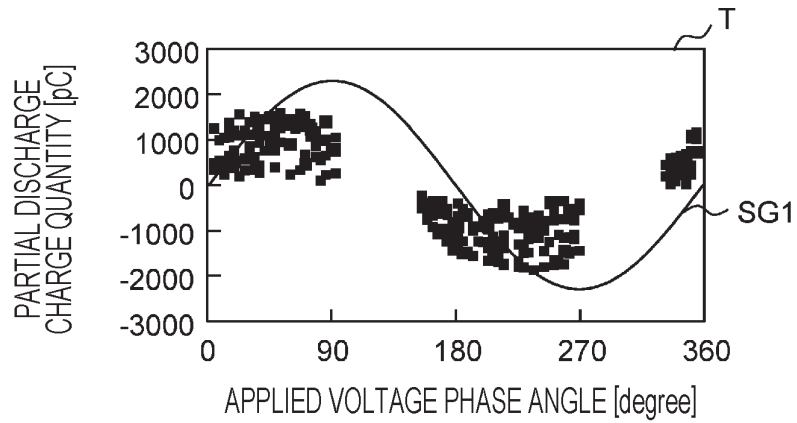
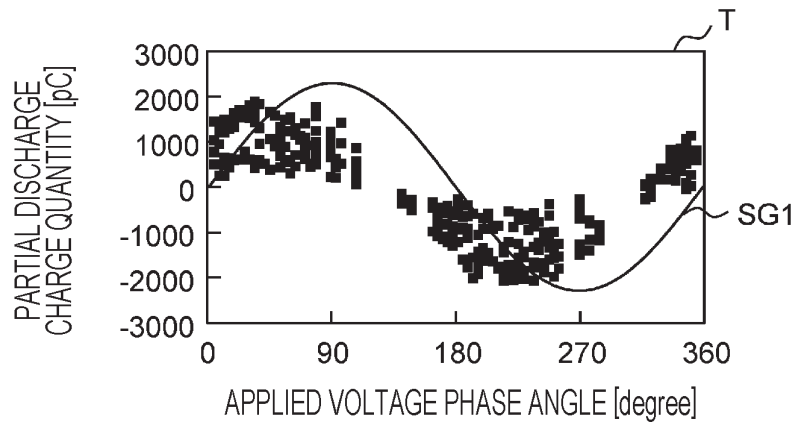
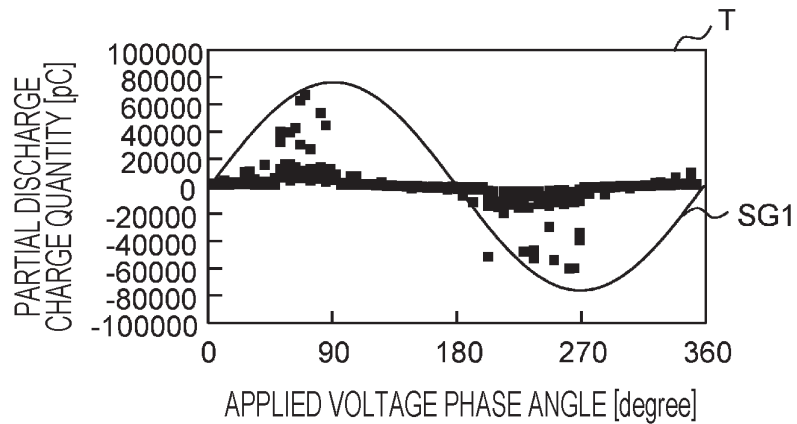
FIG. 5**(A) AT THE START OF PARTIAL DISCHARGE****(B) MID-TERM PARTIAL DISCHARGE****(C) IMMEDIATELY BEFORE DIELECTRIC BREAKDOWN**

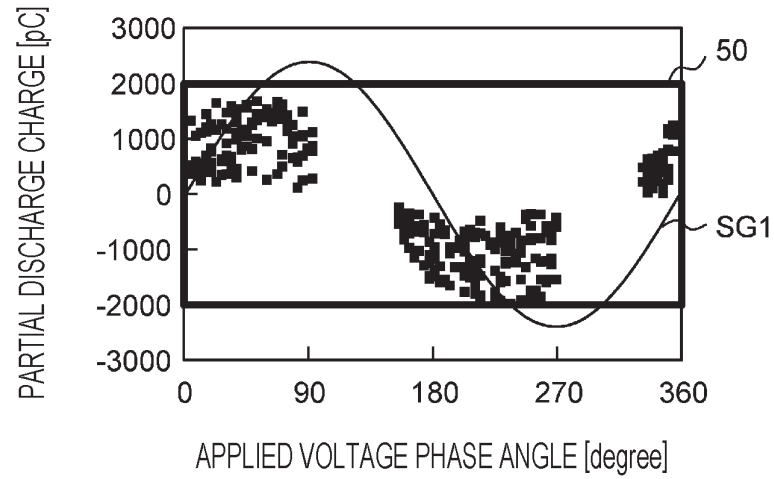
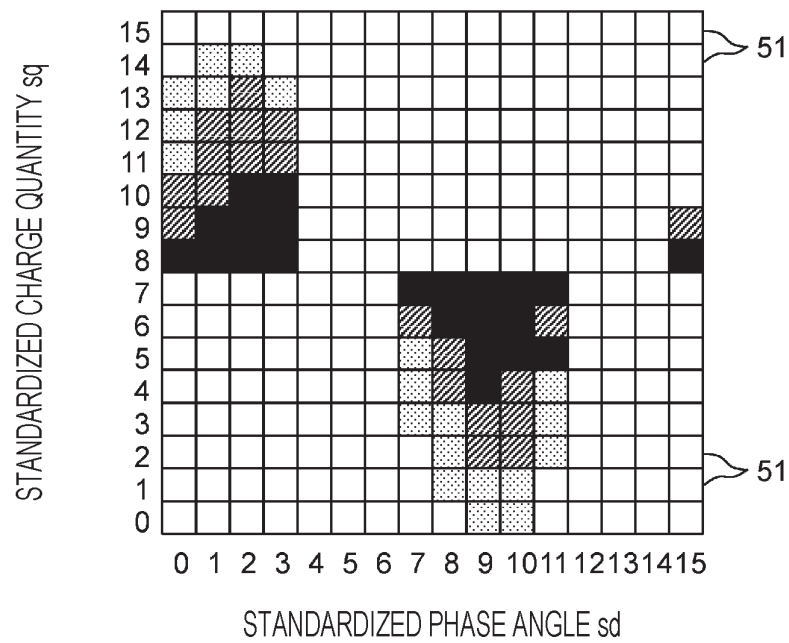
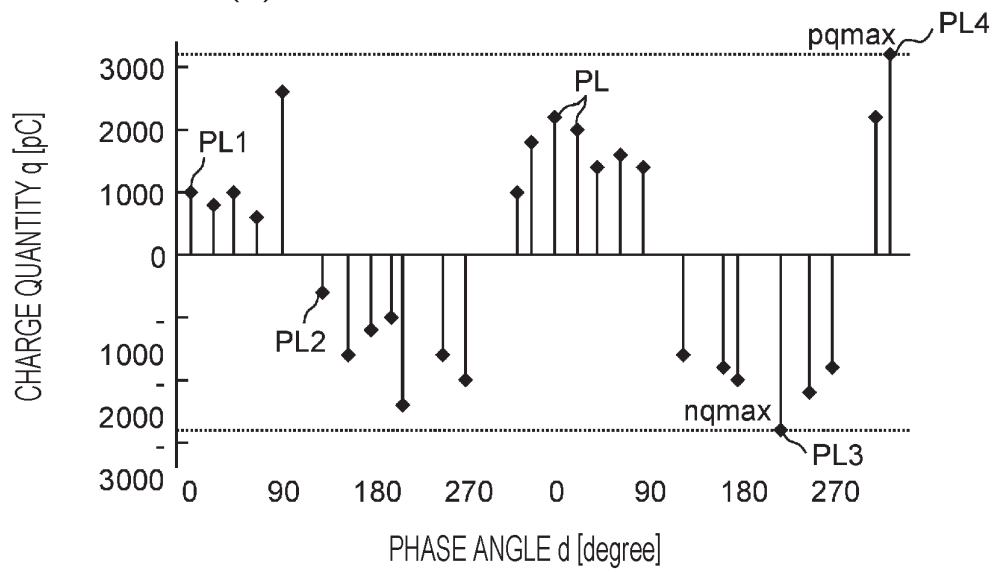
FIG. 6**(A) PHASE-RESOLVED PARTIAL DISCHARGE PATTERN T****(B) STANDARDIZED PHASE-RESOLVED PARTIAL DISCHARGE PATTERN T'**

FIG. 7

(A) PARTIAL DISCHARGE PULSE SIGNAL



(B) STANDARDIZED PARTIAL DISCHARGE PULSE SIGNAL

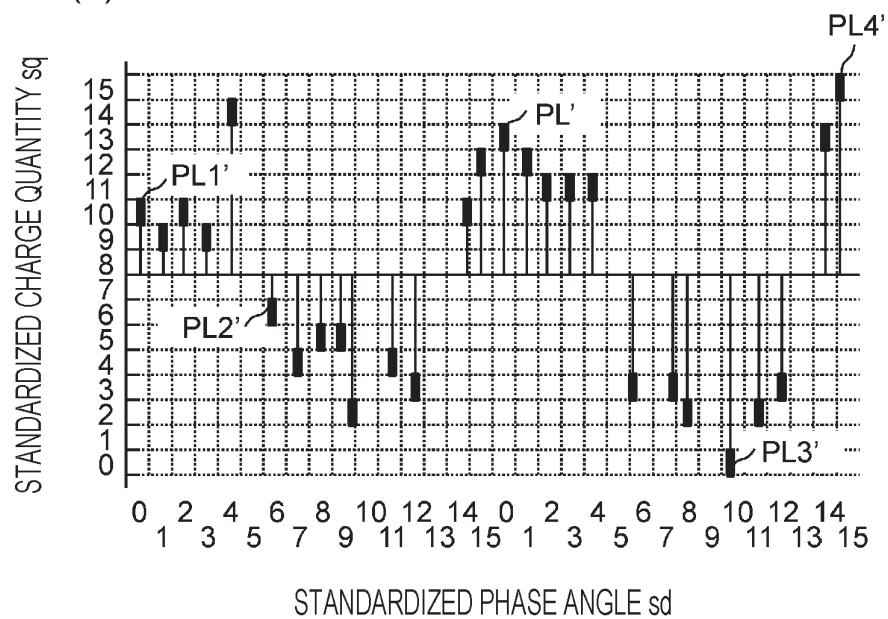


FIG. 8

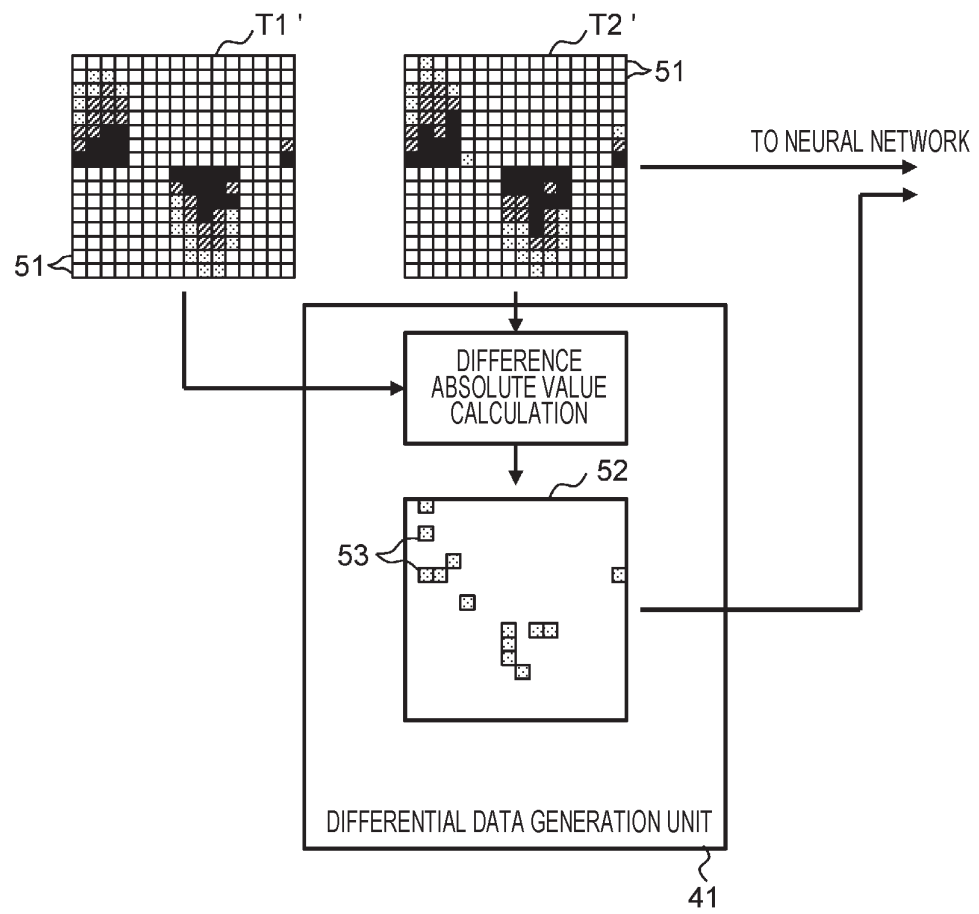


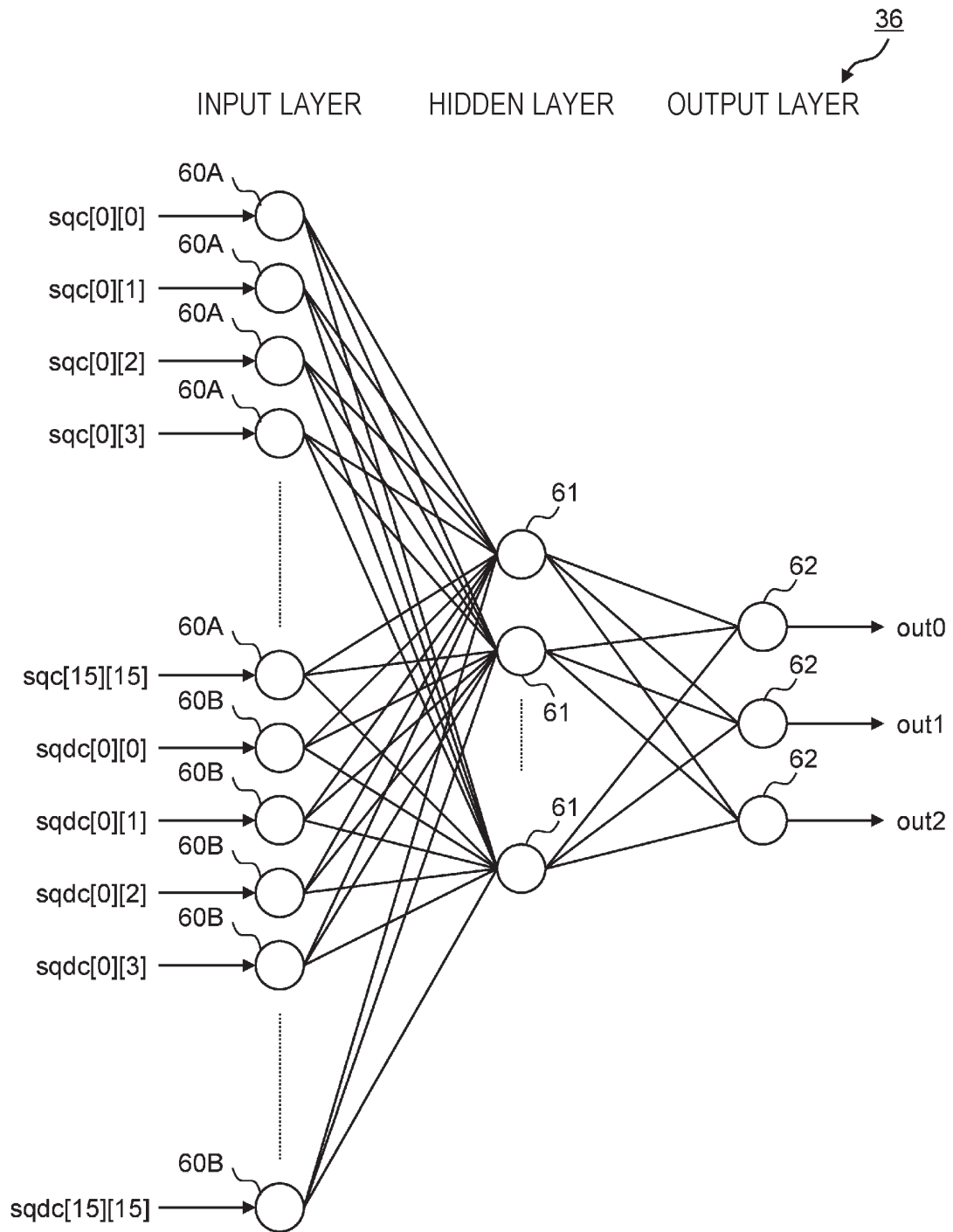
FIG. 9

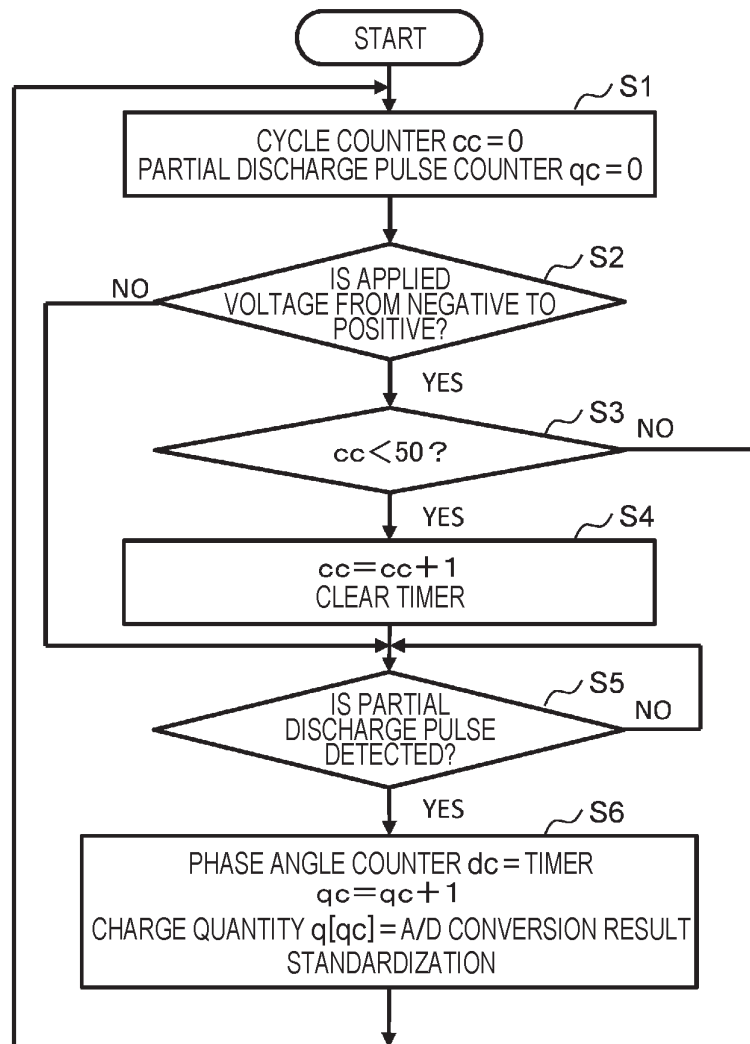
FIG. 10PARTIAL DISCHARGE PULSE INFORMATION
REGISTRATION PROCESS

FIG. 11

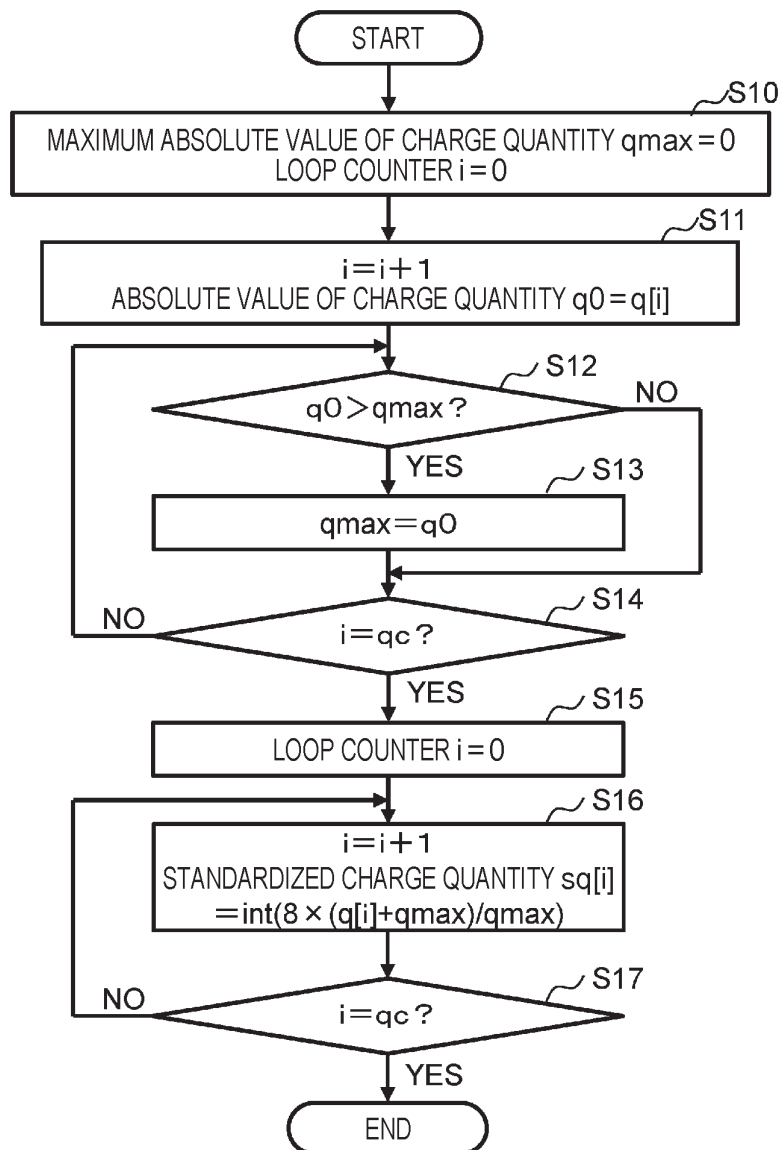
PARTIAL DISCHARGE PULSE CHARGE QUANTITY
STANDARDIZATION PROCESS

FIG. 12

COUNTER INITIALIZATION PROCESS

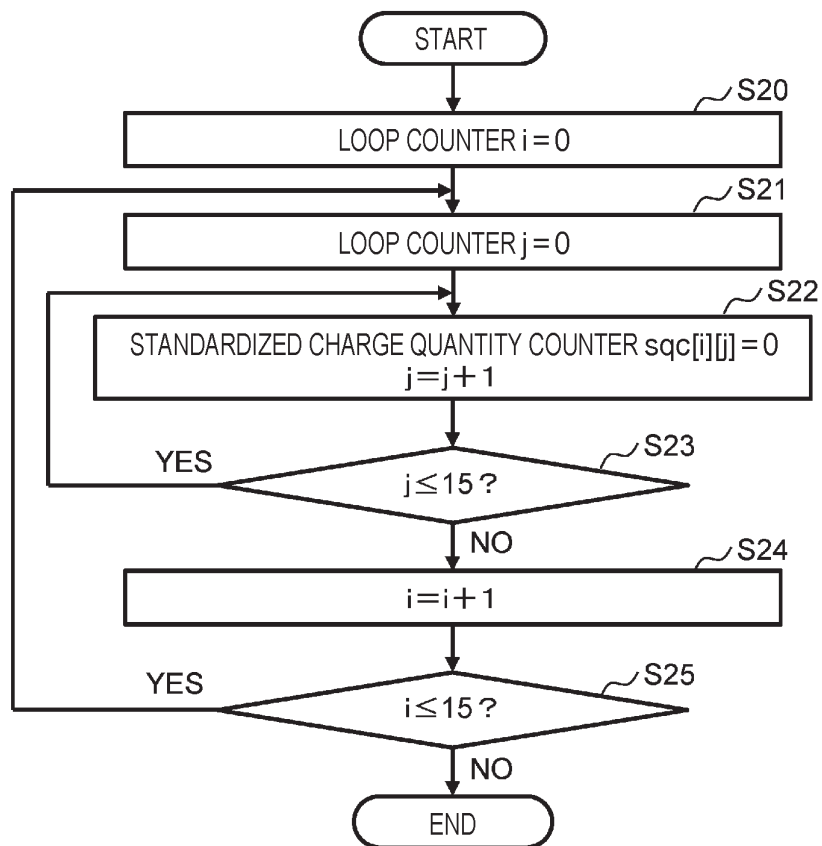


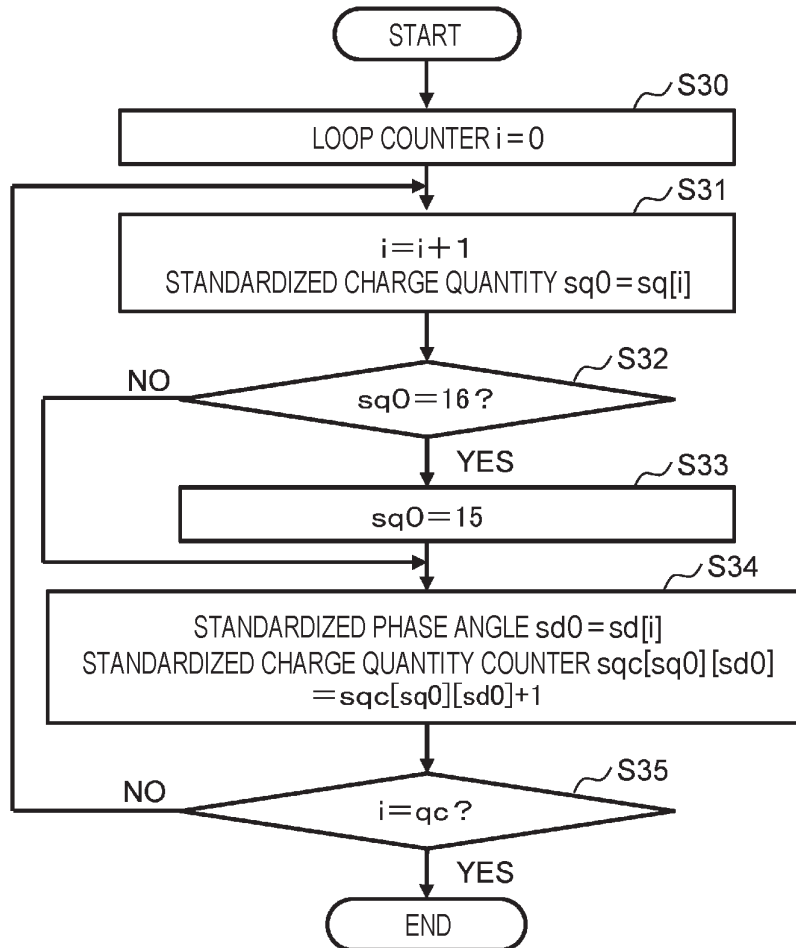
FIG. 13STANDARDIZED PARTIAL DISCHARGE PULSE NUMBER
COUNT PROCESS

FIG. 14

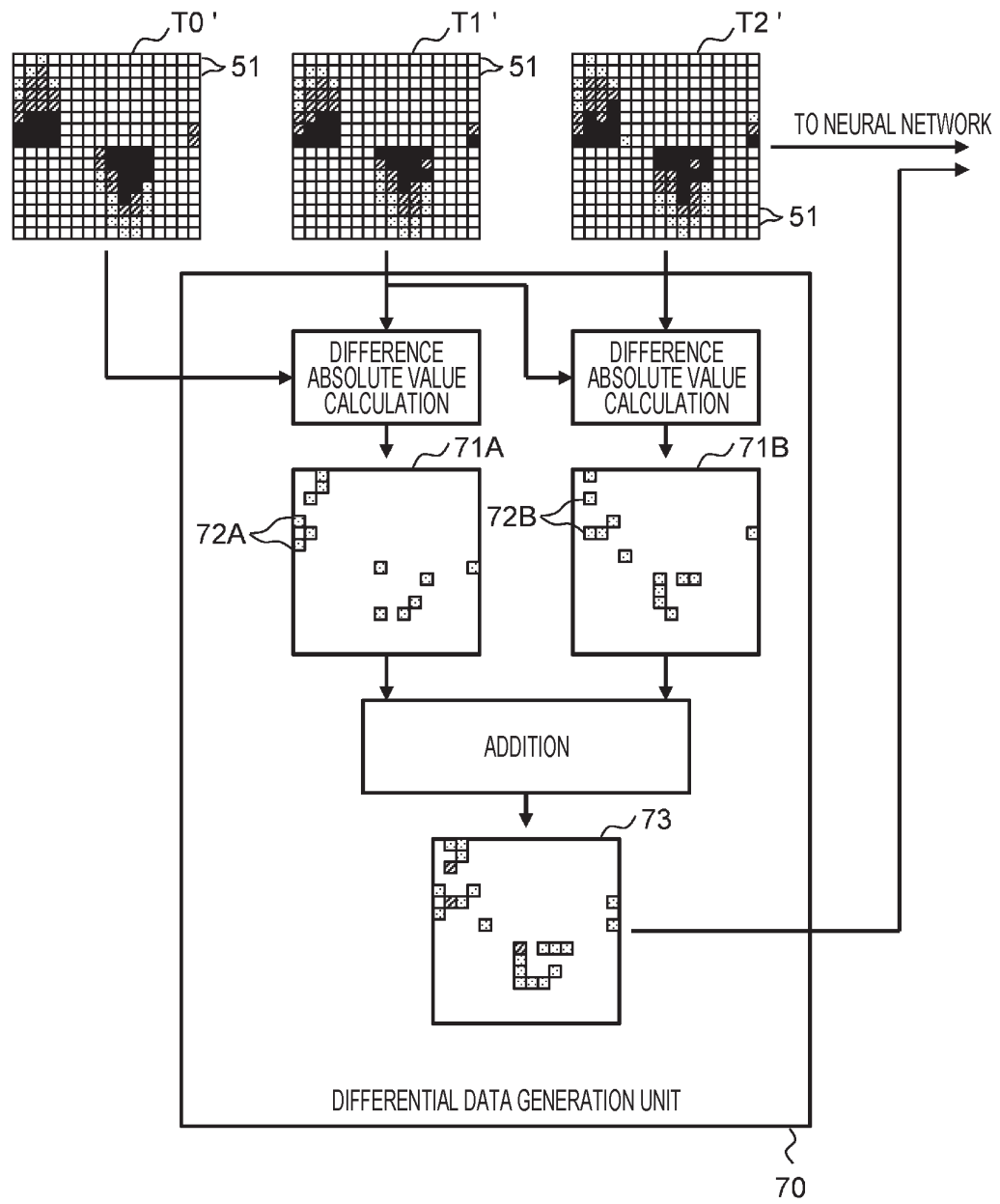


FIG. 15

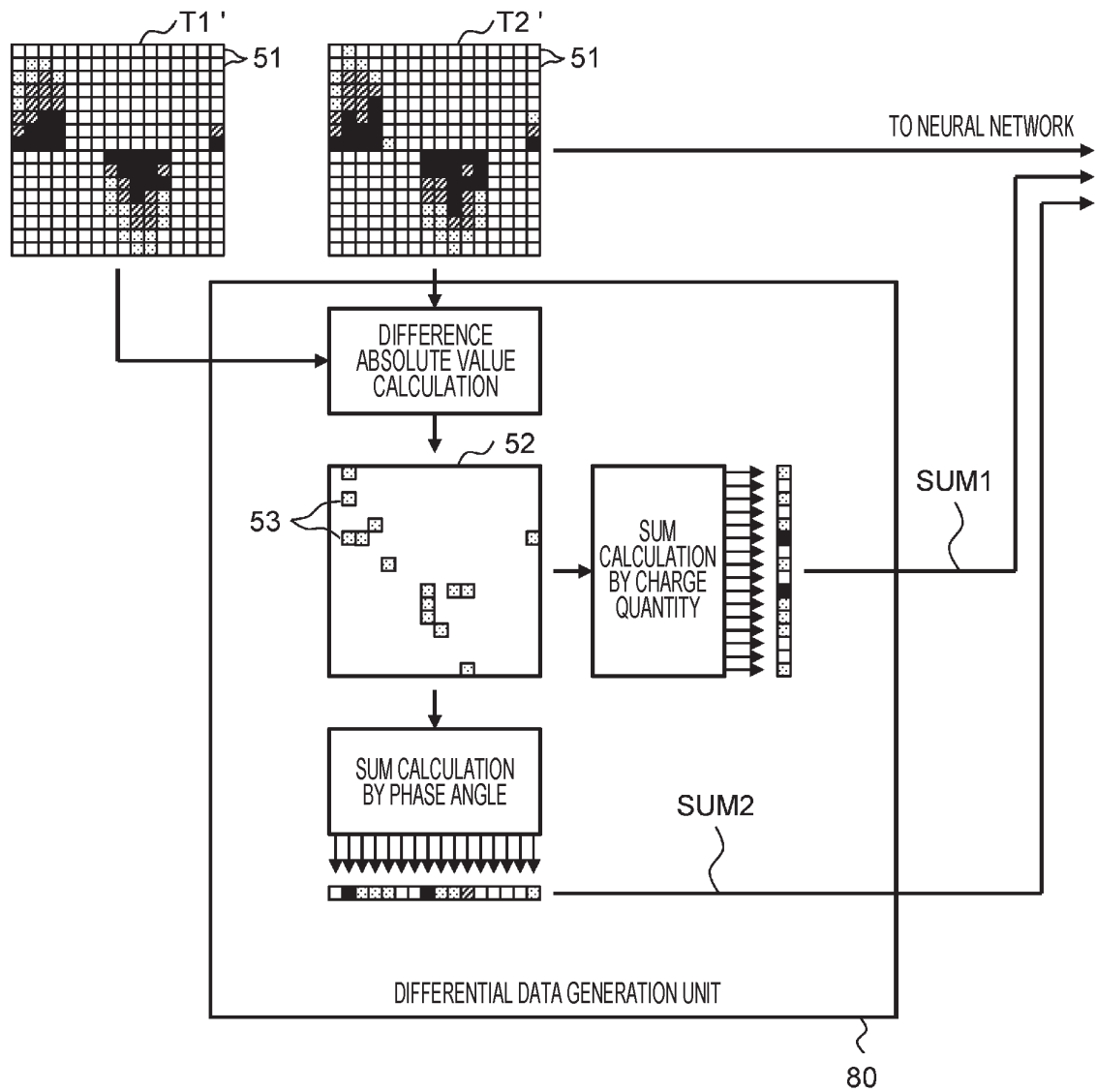


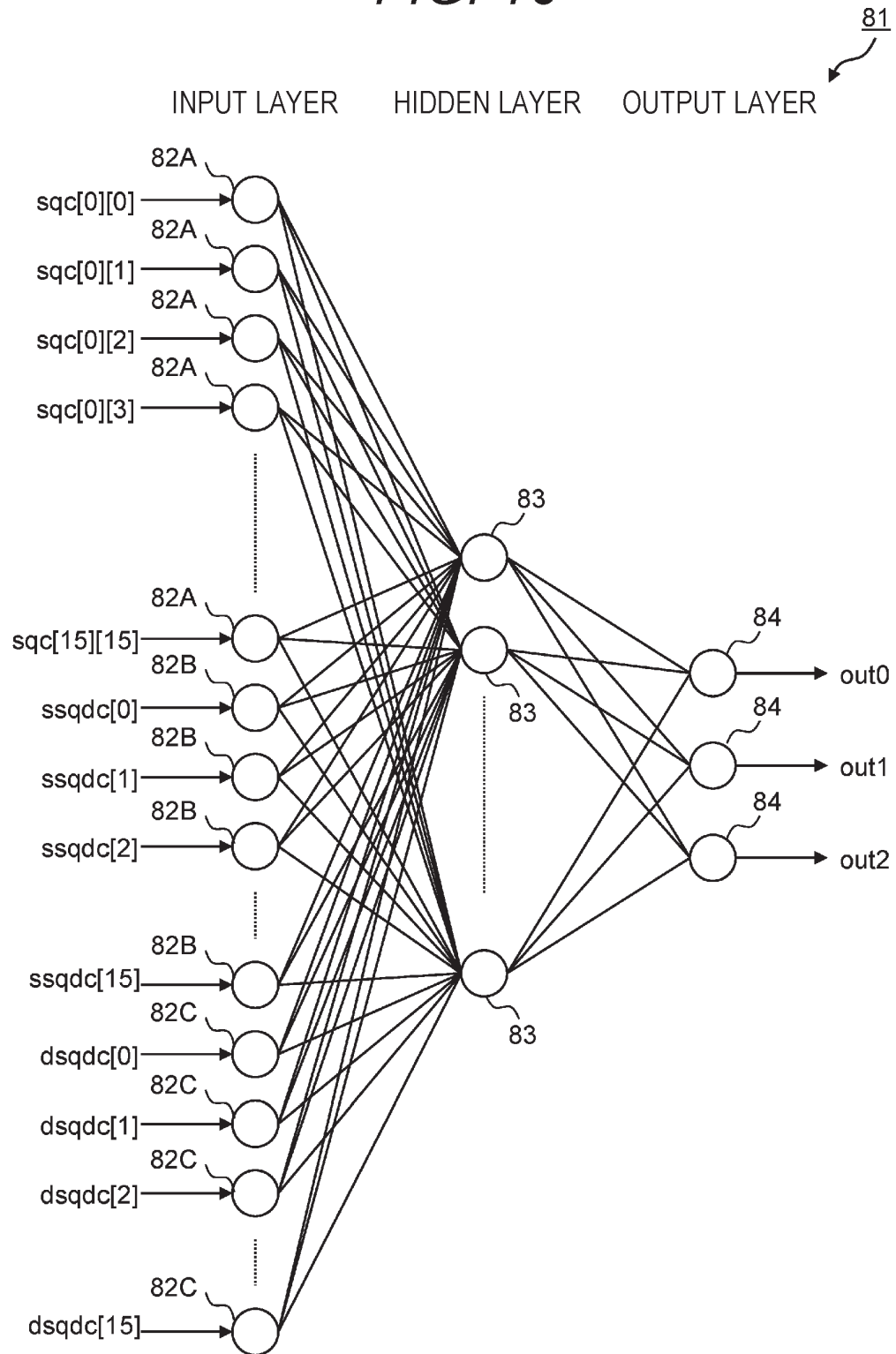
FIG. 16

FIG. 17

