

FIG. 1

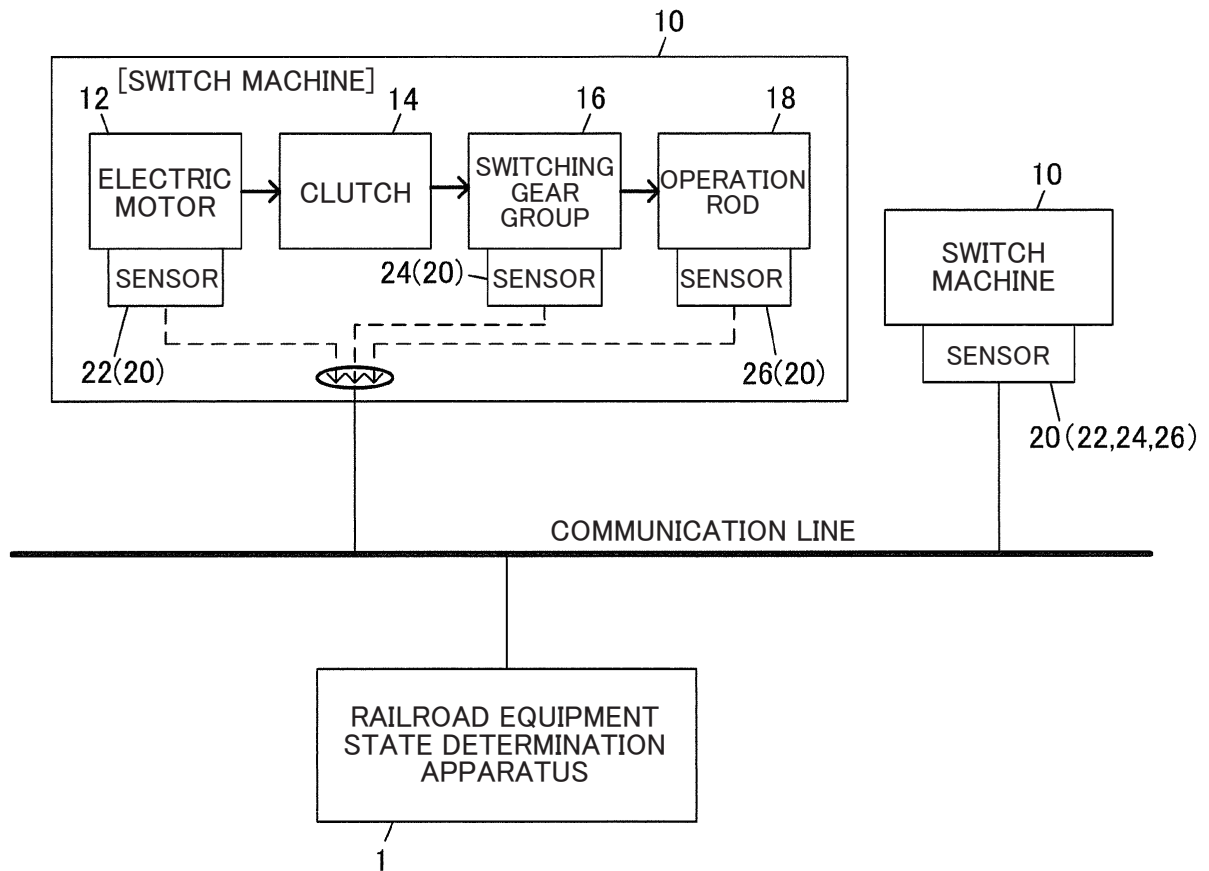


FIG. 2

[OPERATION DATA]

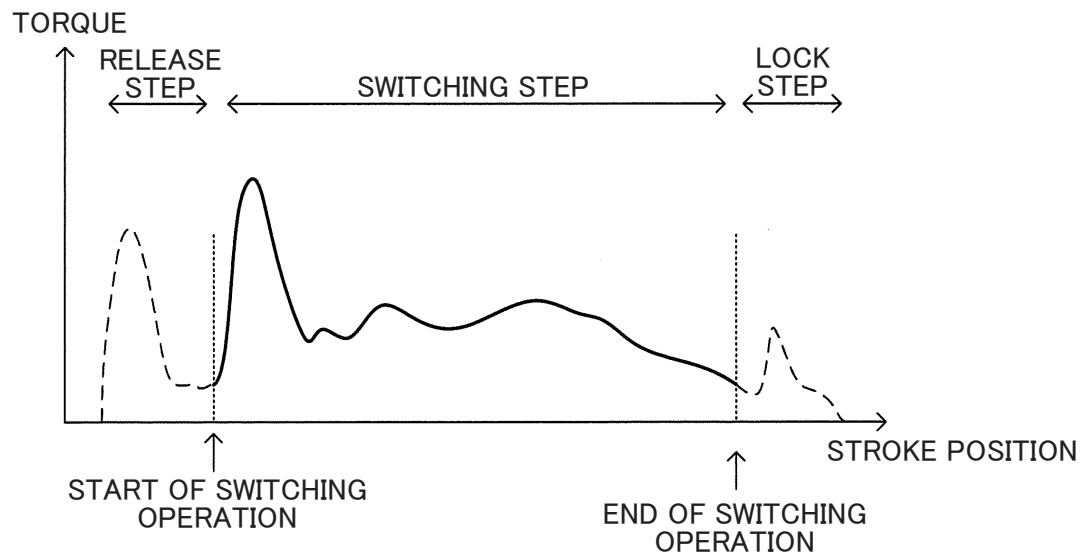
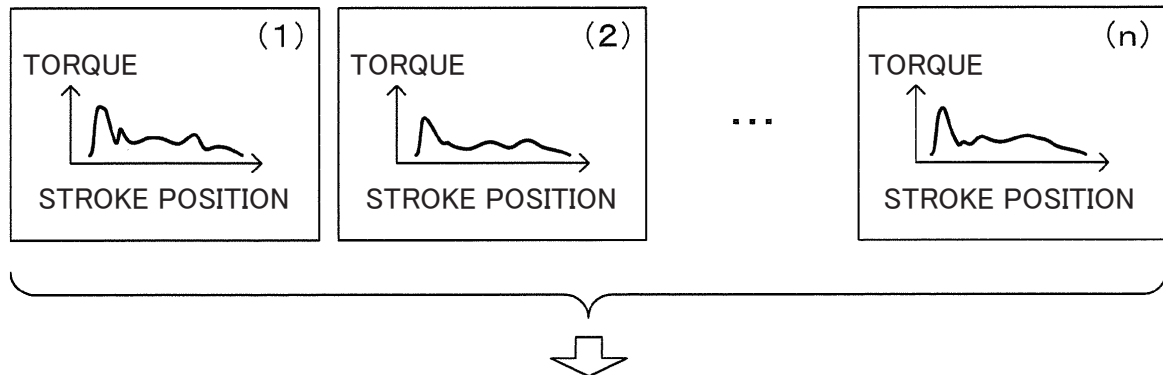
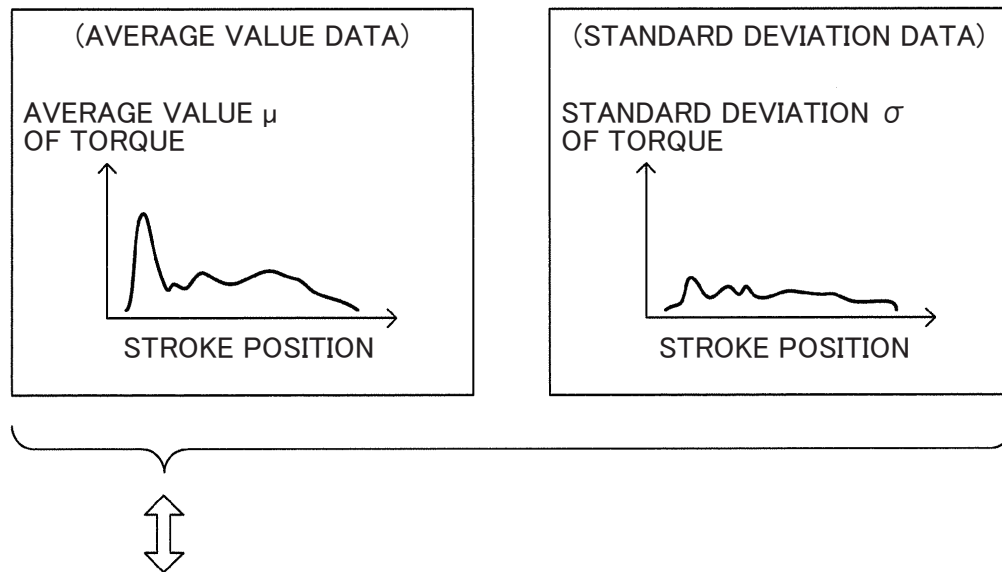
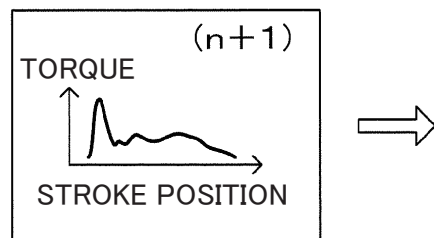


FIG. 3

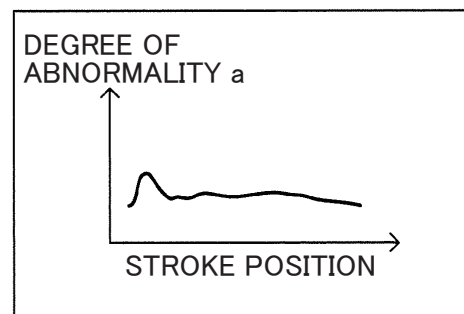
[PAST OPERATION DATA (DRIVE TRANSITION INFORMATION)]



[EVALUATION CRITERIA (STATISTIC TRANSITION INFORMATION)]

[NEW OPERATION DATA
(DRIVE TRANSITION INFORMATION)]

[TRANSITION OF DEGREE OF ABNORMALITY]



$$a(i) = \left(\frac{(x_i - \mu_i)}{\sigma_i} \right)^2$$

TOTAL DEGREE OF ABNORMALITY
= $\sum a(i)$

FIG. 4

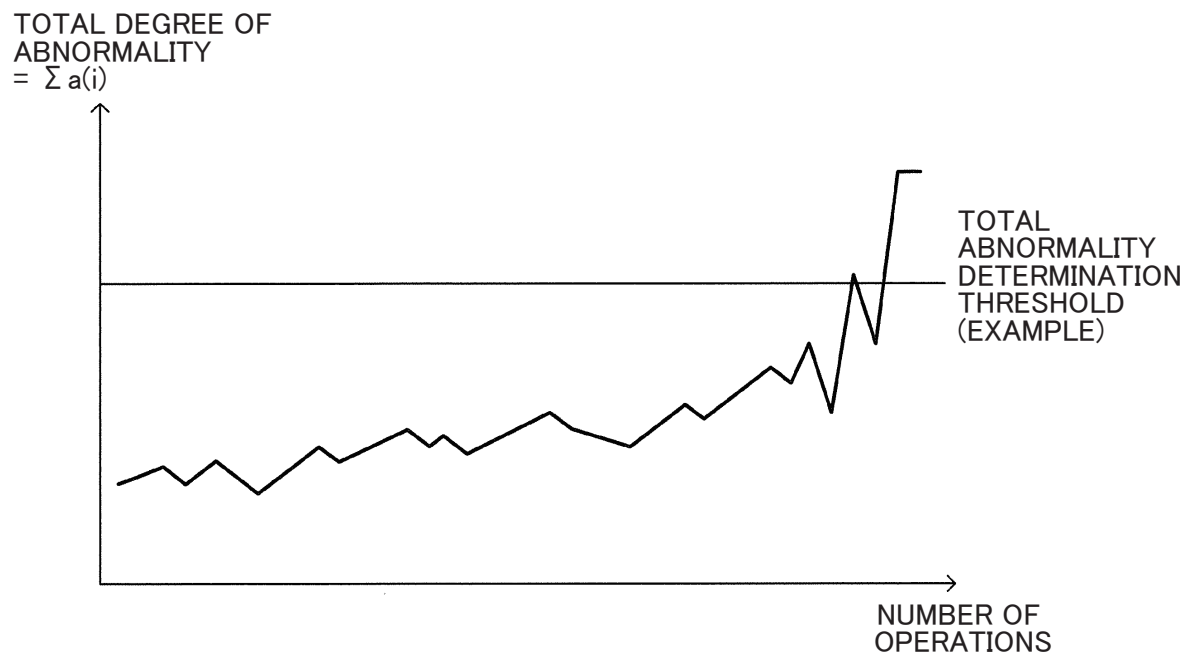


FIG. 5

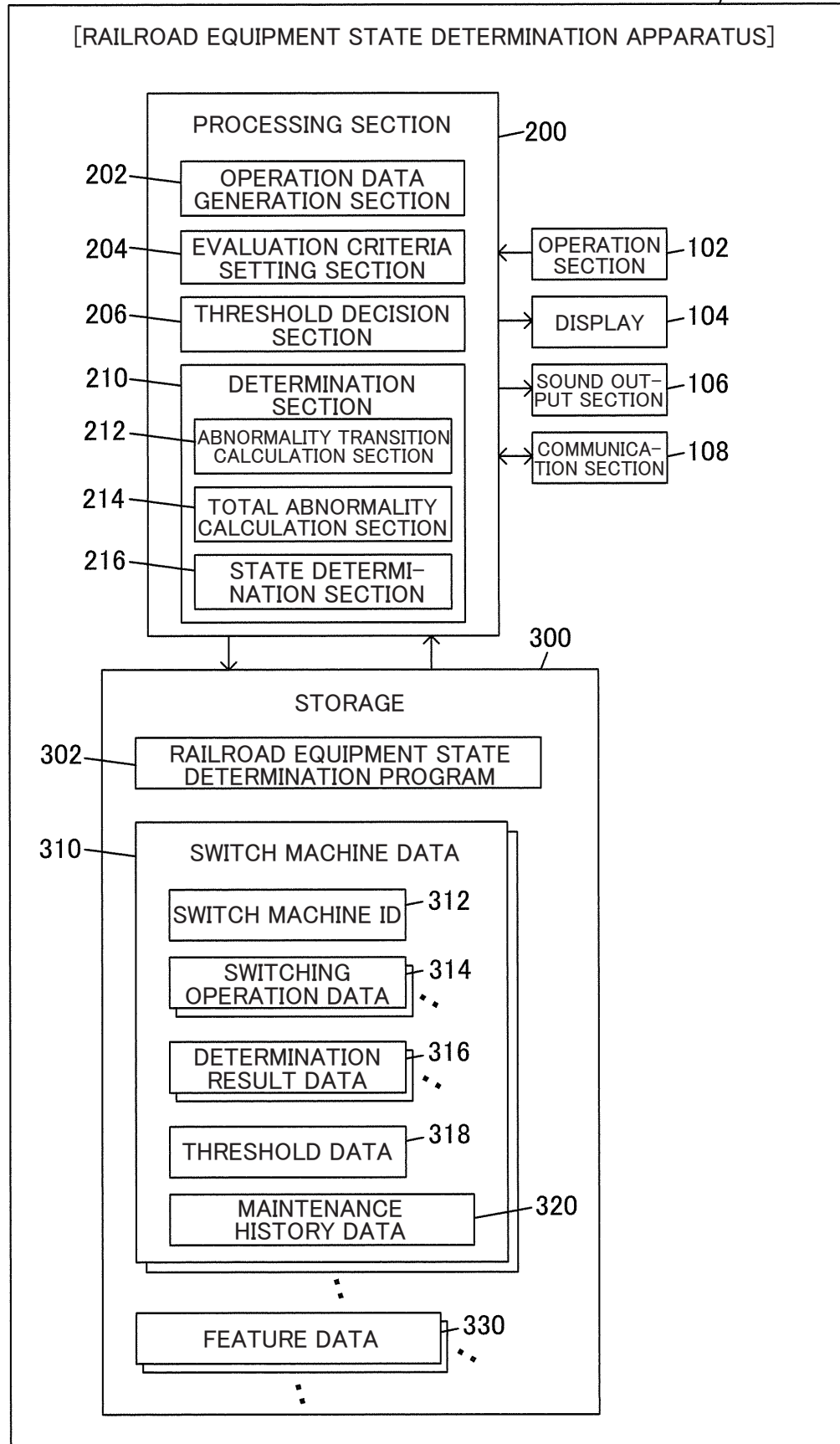


FIG. 6

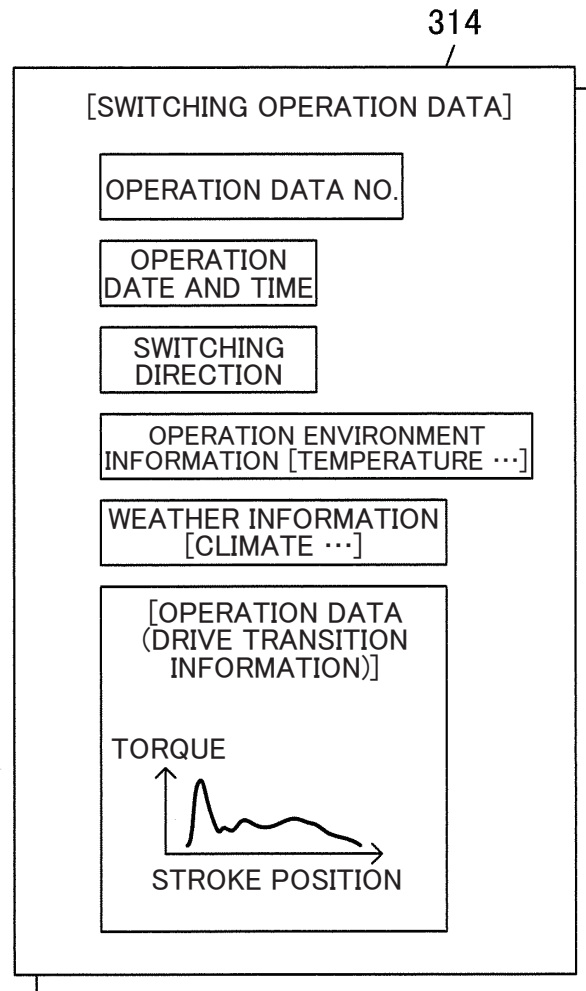
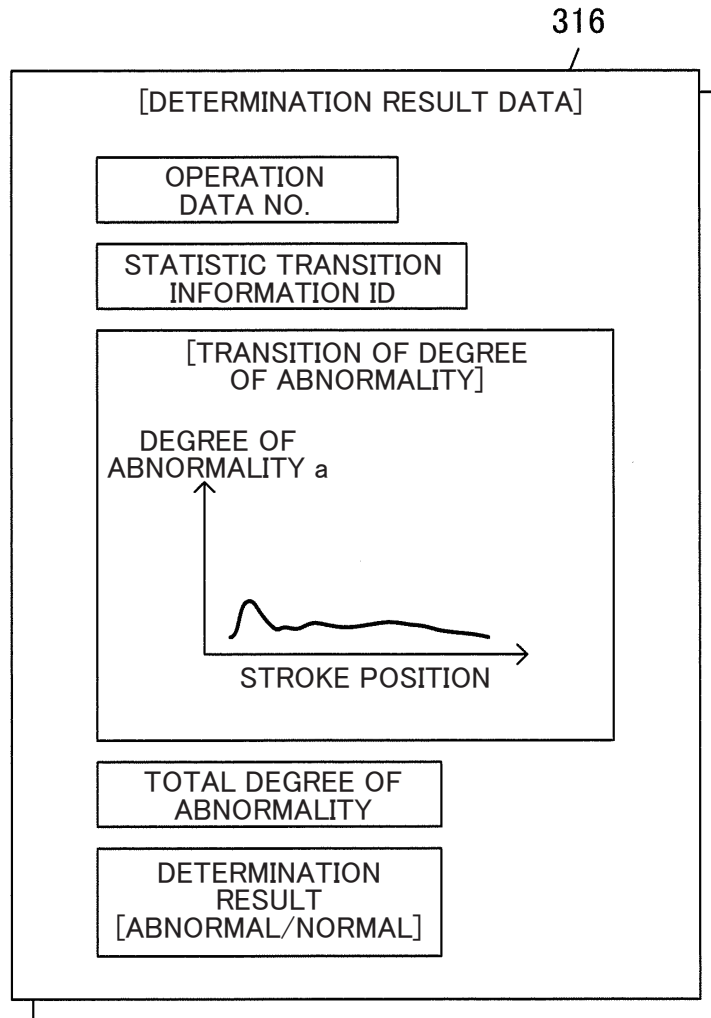


FIG. 7



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FIG. 8

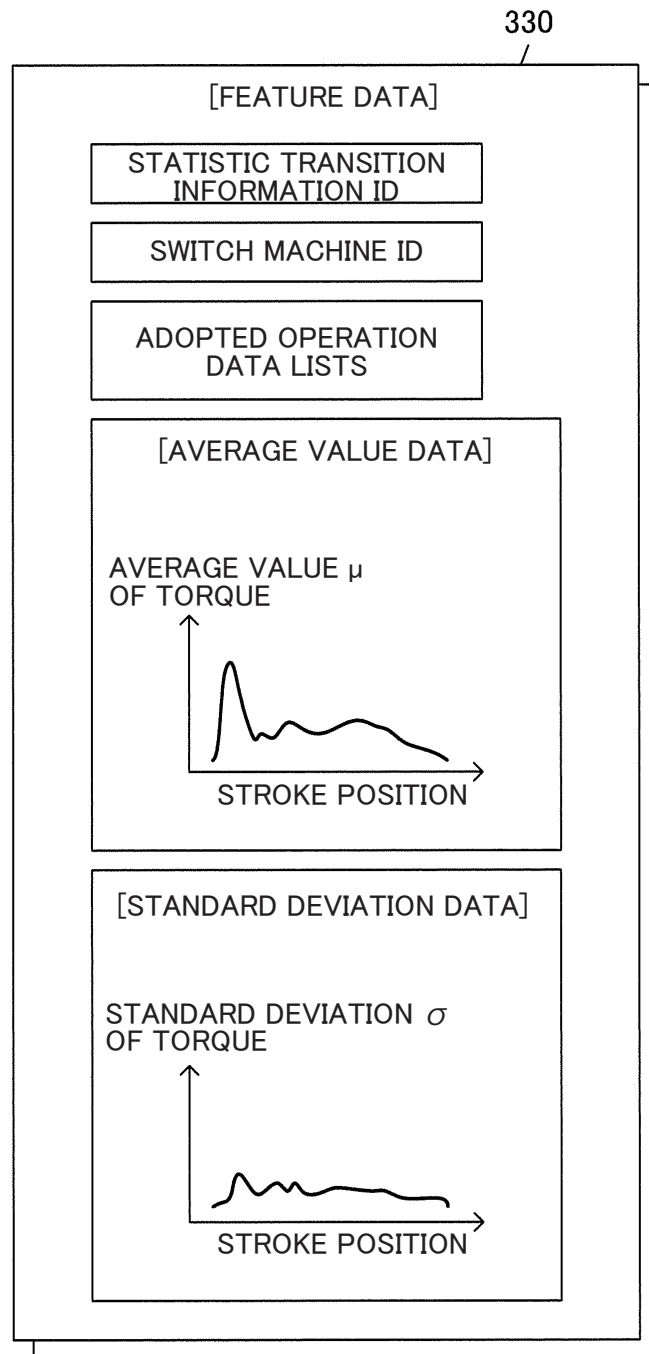


FIG. 9

[RAILROAD EQUIPMENT STATE DETERMINATION PROCESS]

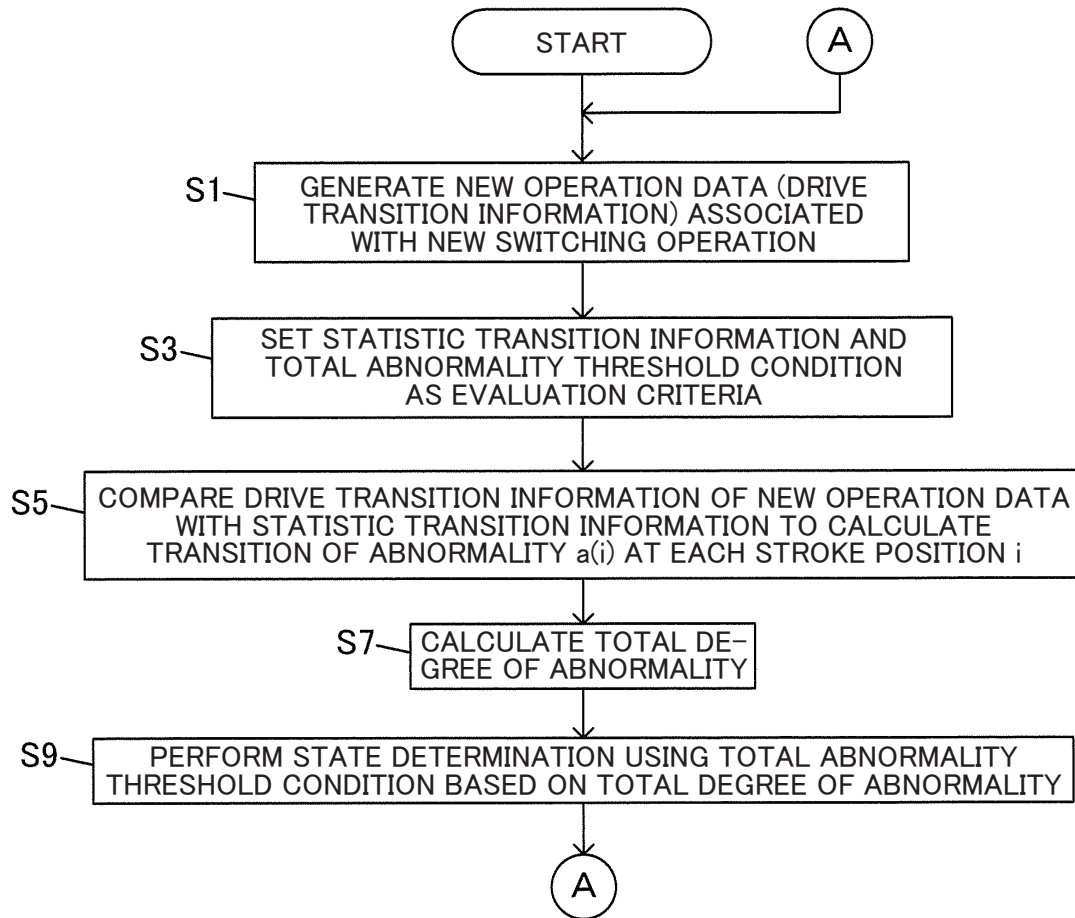


FIG. 10

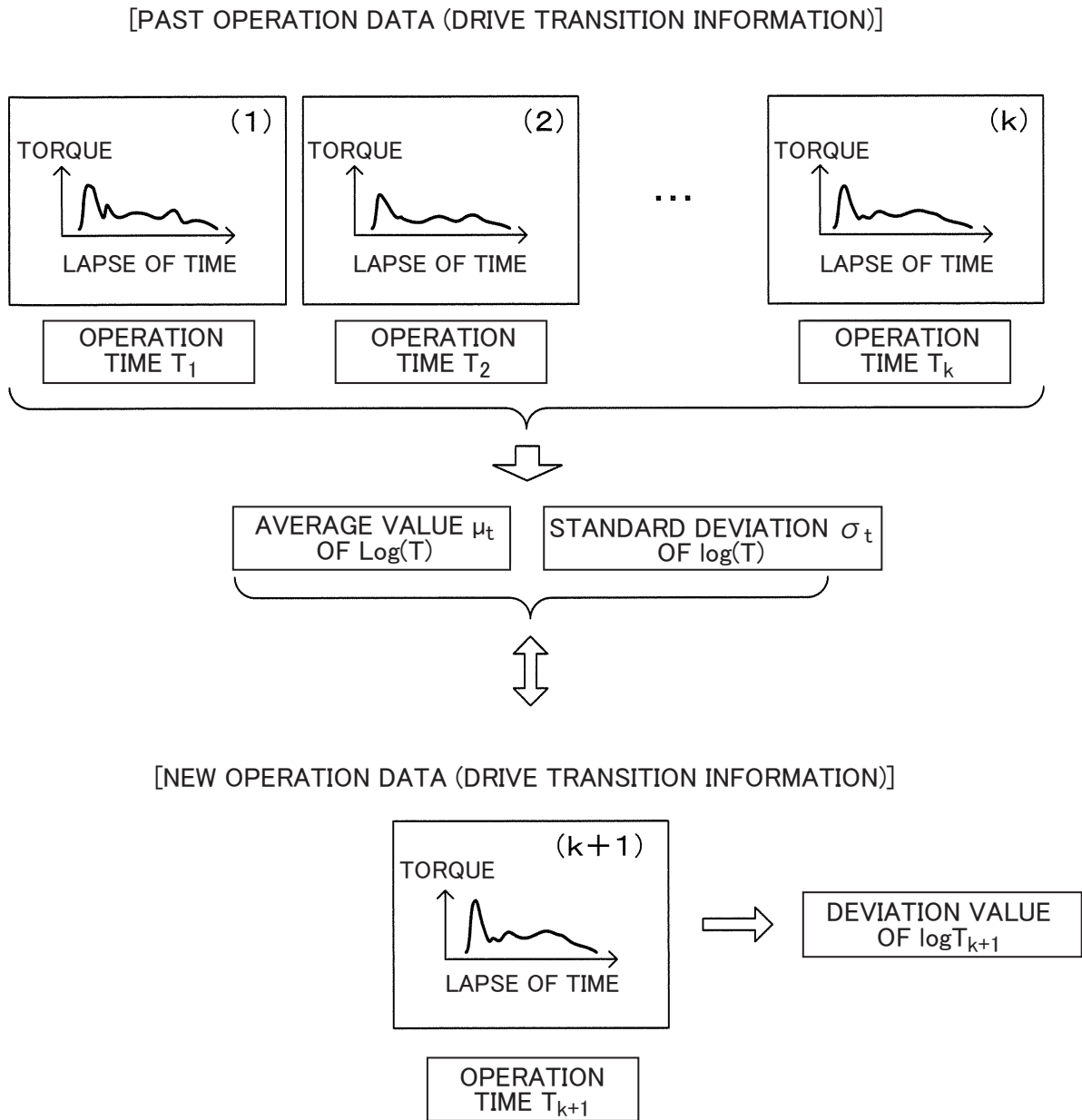


FIG. 11

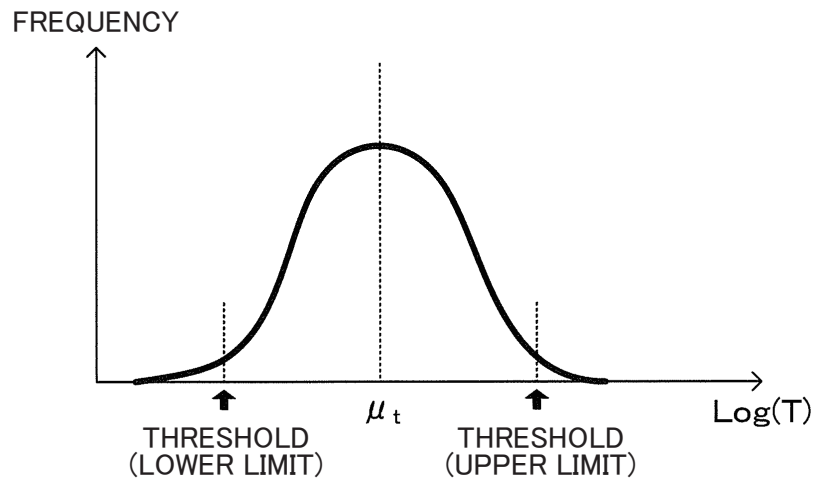


FIG. 12

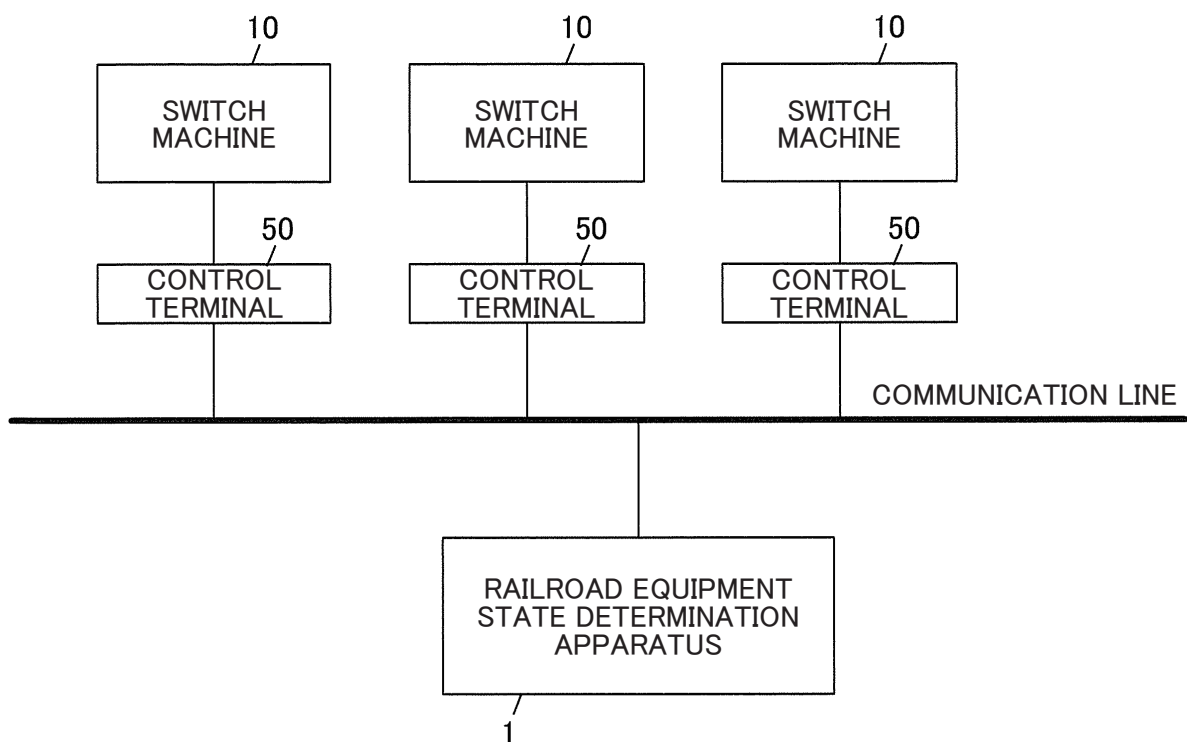


FIG. 13

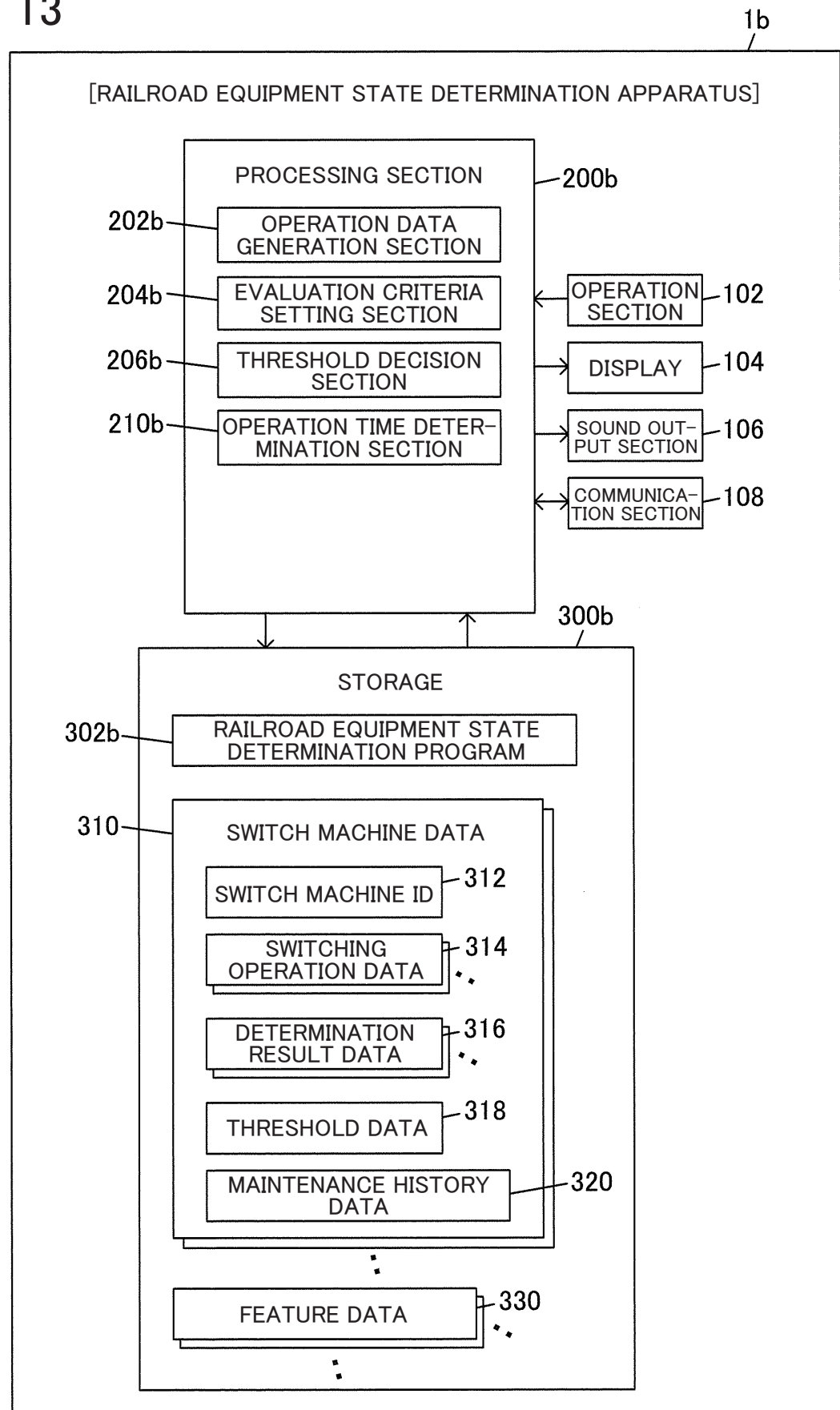


FIG. 14

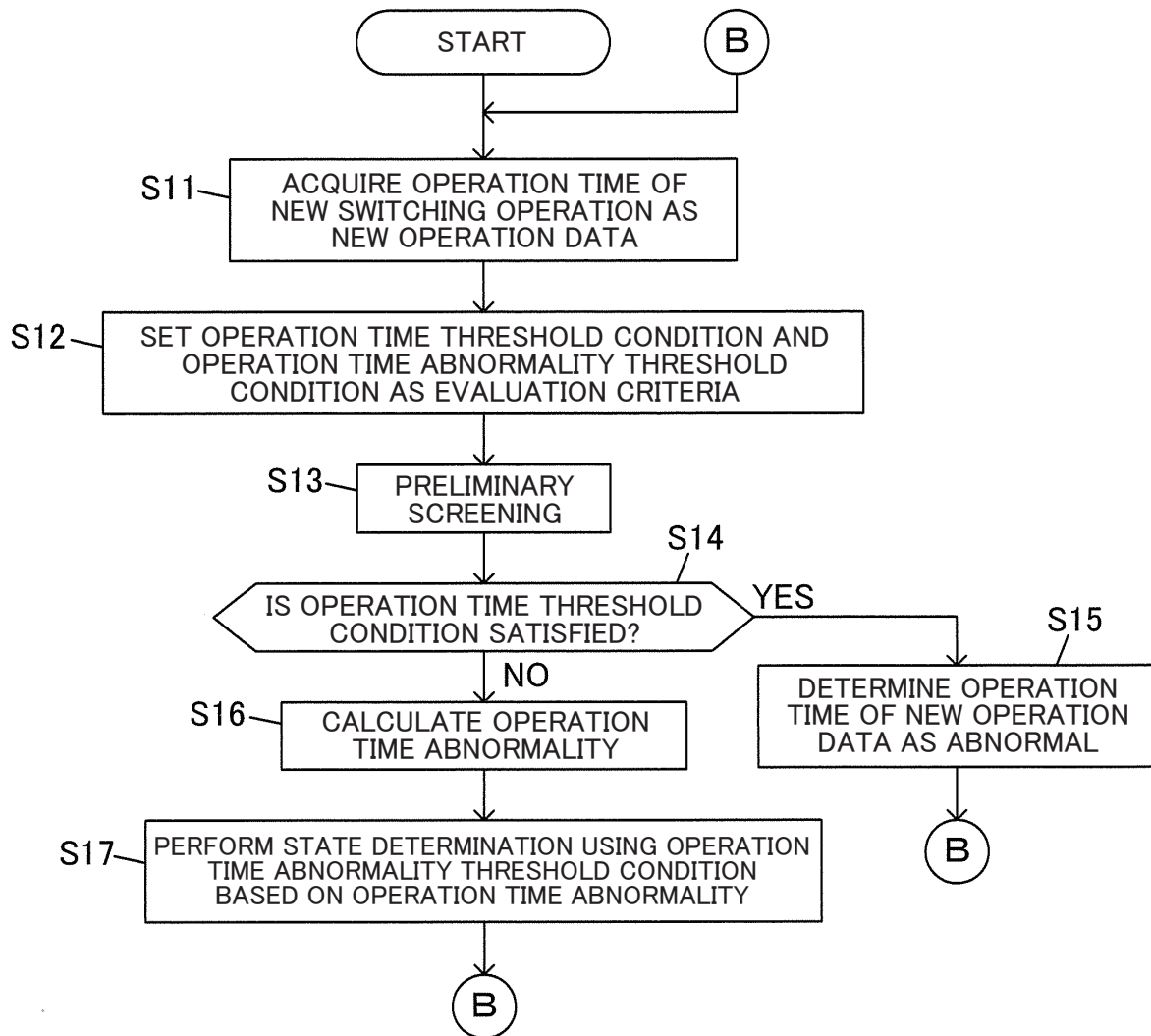


FIG. 15

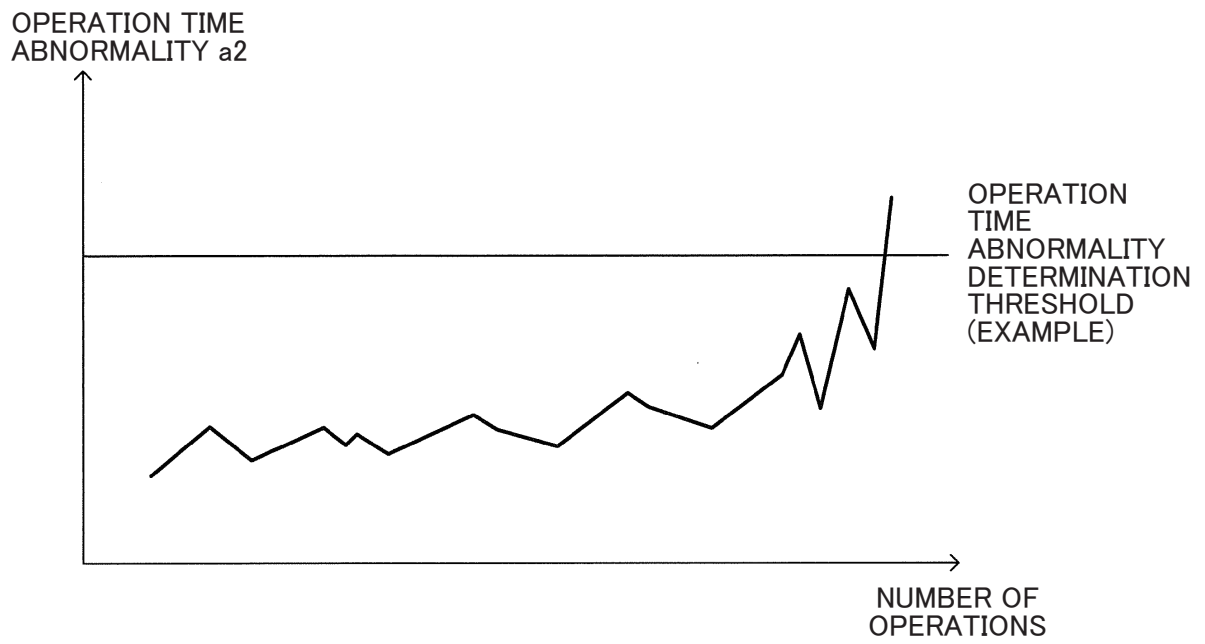


FIG. 16

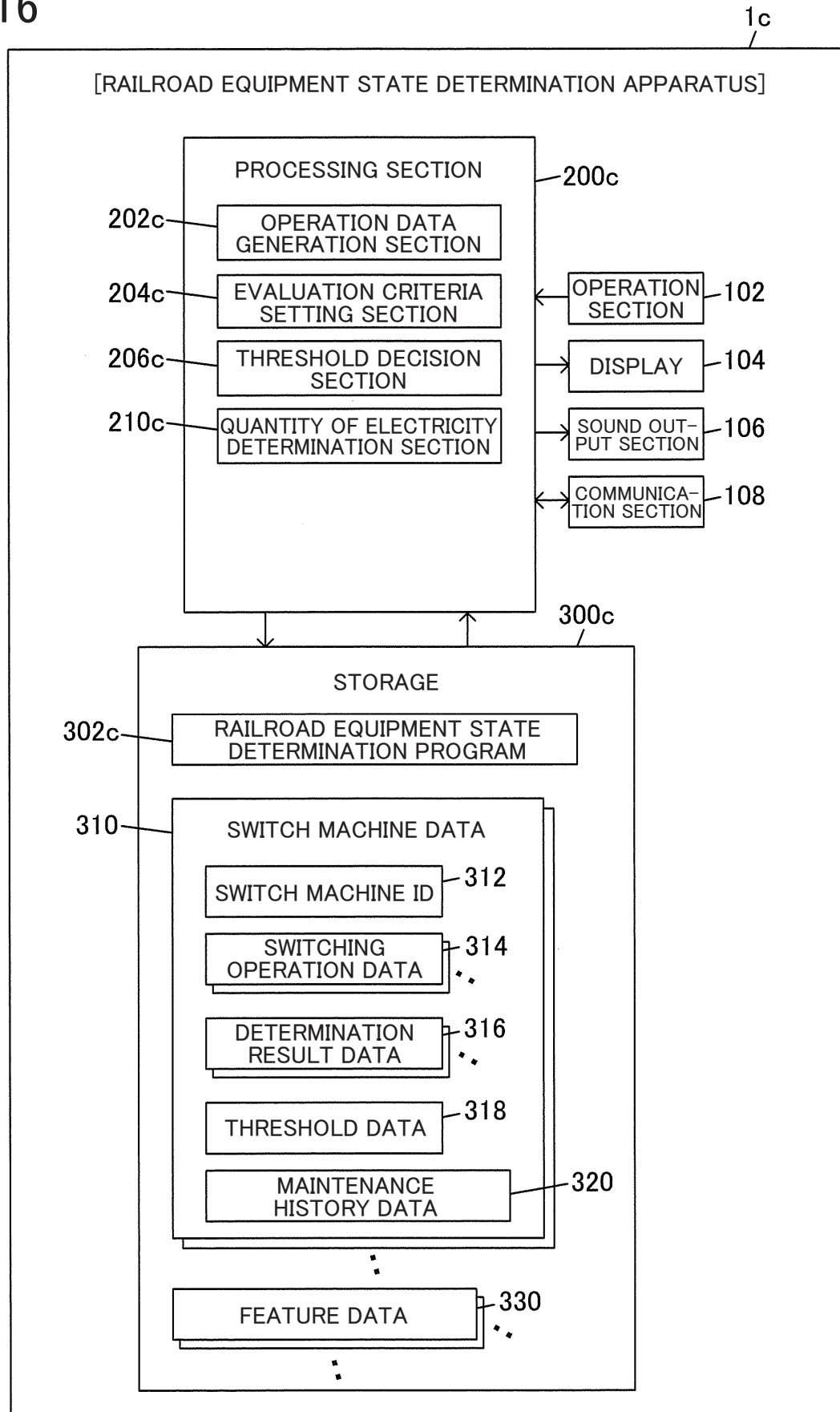


FIG. 17

