

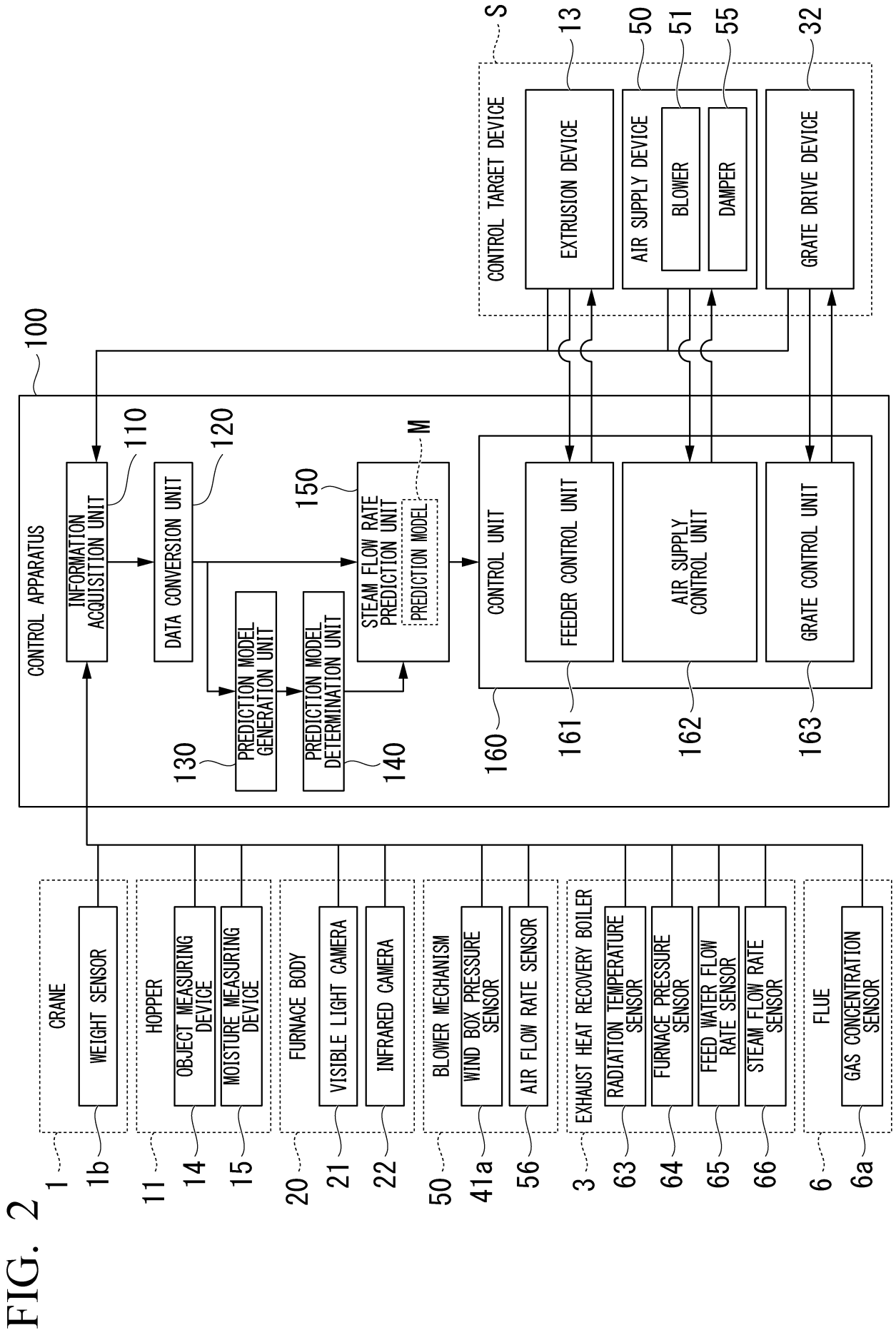


FIG. 3

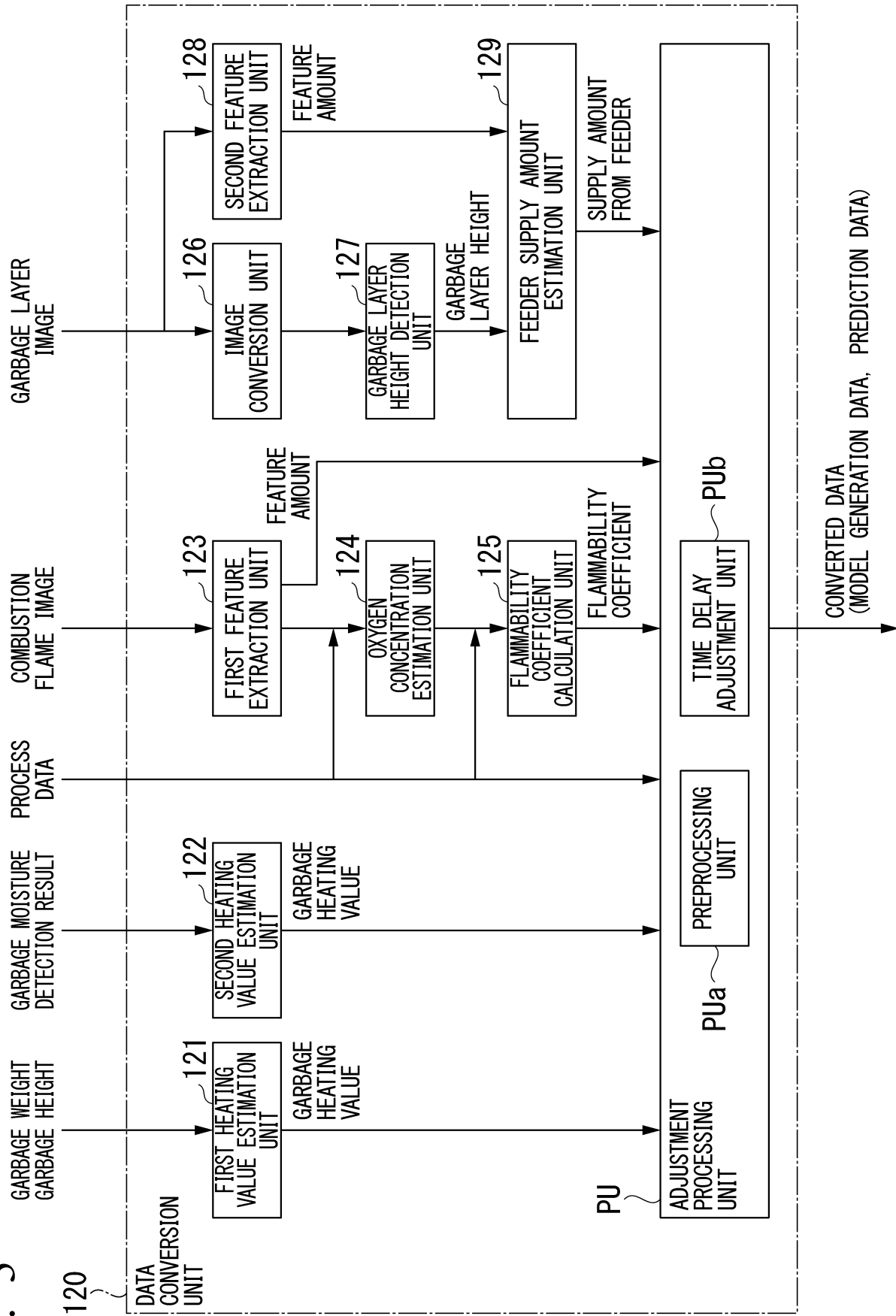


FIG. 4

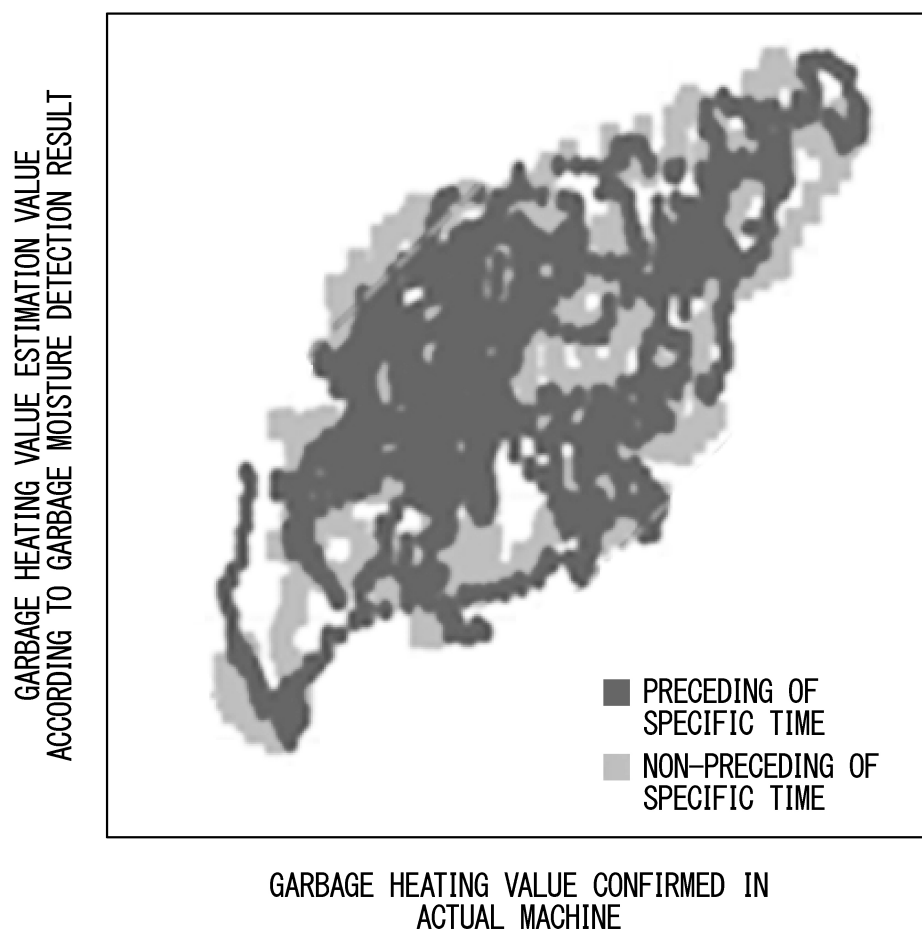


FIG. 5

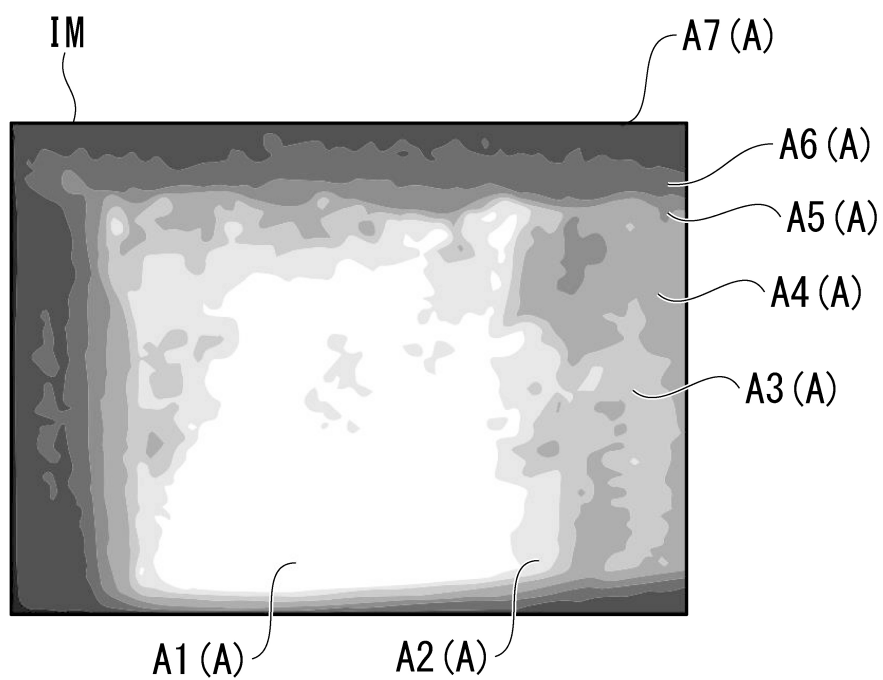


FIG. 6

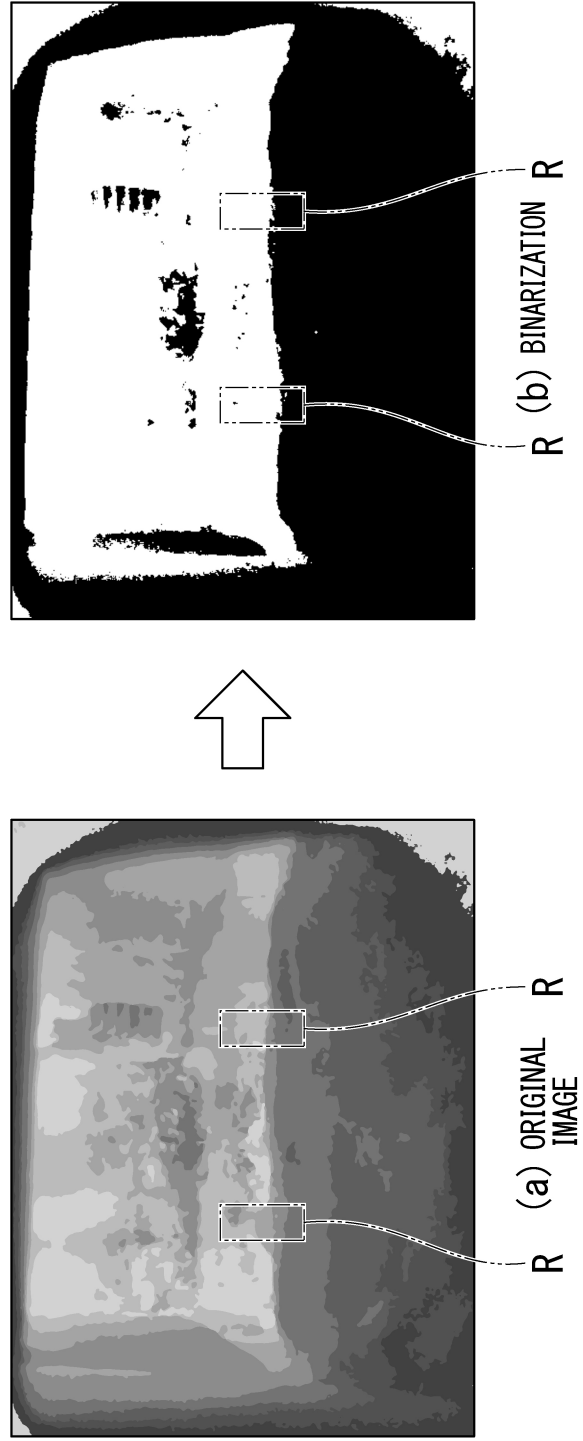


FIG. 7

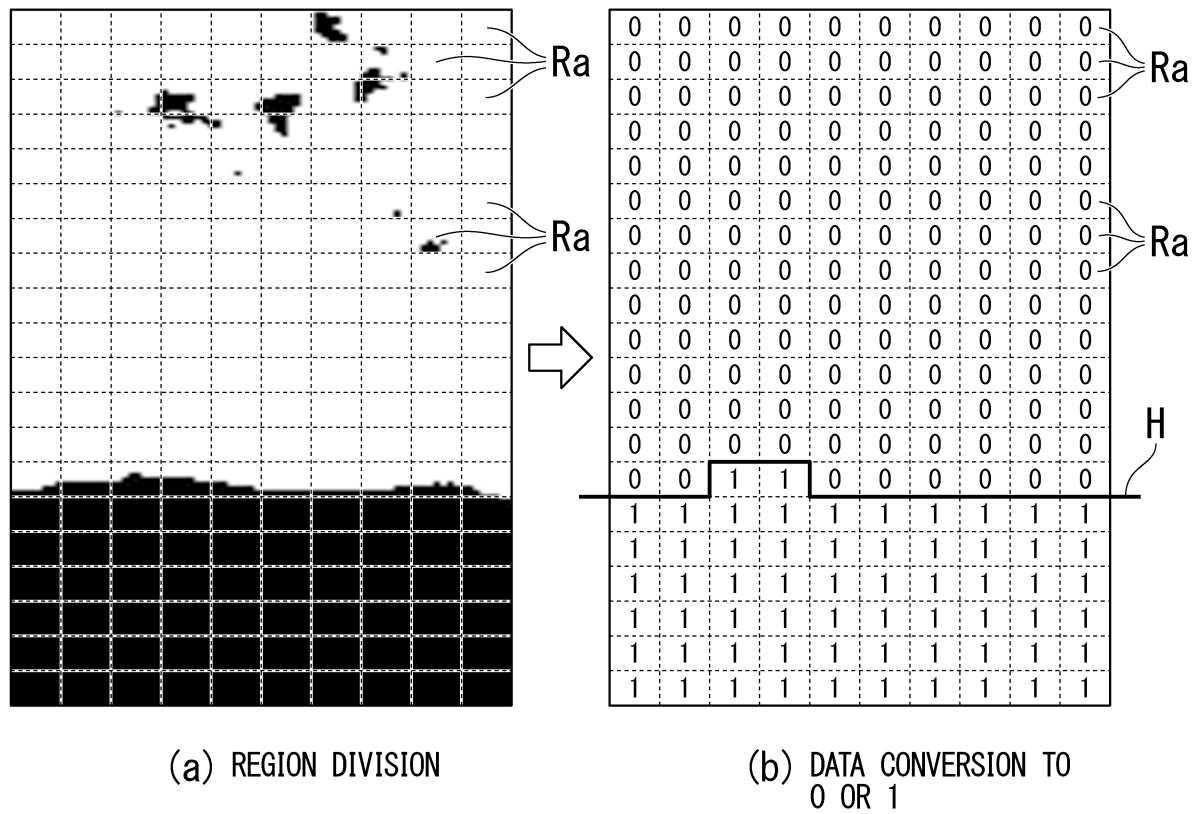
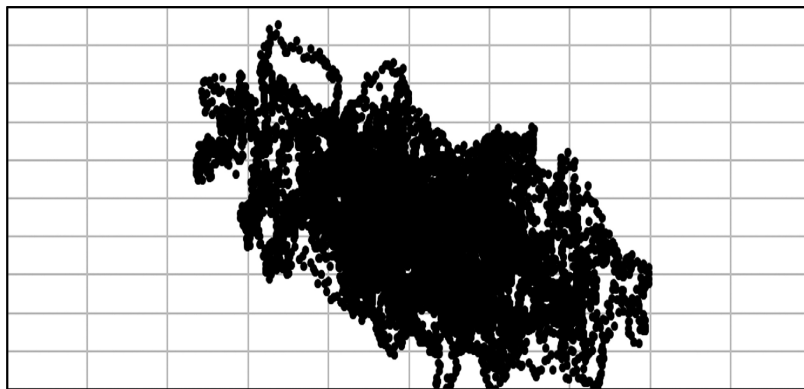


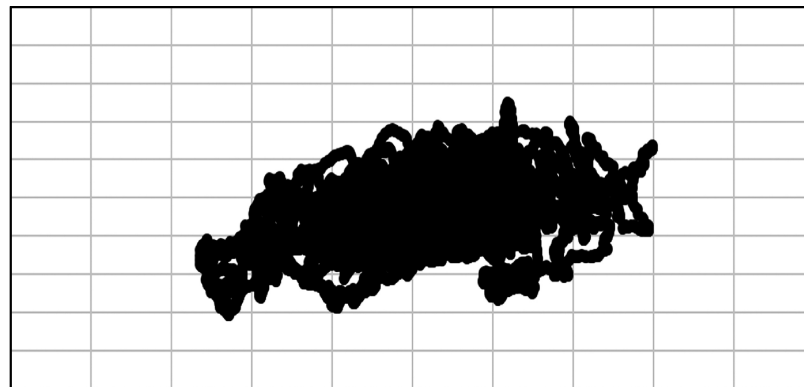
FIG. 8



(a) CORRELATION BETWEEN SUPPLY AMOUNT FROM
FEEDER AND MAIN STEAM FLOW RATE (TIME DELAY T2)



(b) CORRELATION BETWEEN FLAMMABILITY COEFFICIENT
AND MAIN STEAM FLOW RATE (TIME DELAY T3)



(c) CORRELATION BETWEEN FURNACE TEMPERATURE
AND MAIN STEAM FLOW RATE (TIME DELAY T3)

FIG. 9

INPUT INFORMATION	TIME DEALY SETTING VALUE
HEATING VALUE BASED ON MOISTURE CONTENT	T1 [minute(s)]
FEATURE AMOUNT BASED ON INFRARED IMAGE	T2 [minute(s)]
SUPPLY AMOUNT FROM FEEDER	T2 [minute(s)]
FEATURE AMOUNT BASED ON COMBUSTION FLAME IMAGE	T3 [minute(s)]
GARBAGE HEIGHT	T3 [minute(s)]
WIND BOX PRESSURE	T3 [minute(s)]
FLAMMABILITY COEFFICIENT	T3 [minute(s)]
FURNANCE TEMPERATURE	T3 [minute(s)]

FIG. 10

EVALUATION RESULT

DATA FOR NUMBER OF DAYS (FOR DAYS)	RMSE			MASE		
	PREDICTION 60 SECONDS AHEAD	PREDICTION 120 SECONDS AHEAD	PREDICTION 180 SECONDS AHEAD	PREDICTION 60 SECONDS AHEAD	PREDICTION 120 SECONDS AHEAD	PREDICTION 180 SECONDS AHEAD
1	S4	S6	S9	S1	S2	S3
2	S4	S6	S7	S1	S2	S3
3	S3	S5	S8	S1	S1	S2
4	S3	S5	S9	S1	S1	S2
5	S3	S5	S7	S1	S1	S2
6	S3	S5	S8	S1	S1	S2
7	S3	S7	S7	S1	S2	S2

$$S1 < S2 < S3 < S4 < S5 < S6 < S7$$

FIG. 11

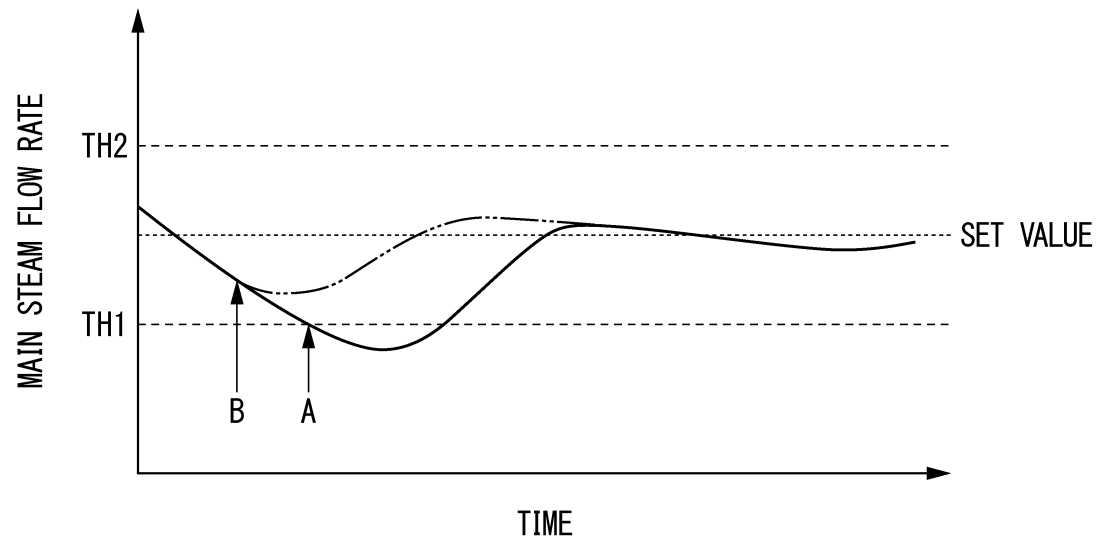


FIG. 12

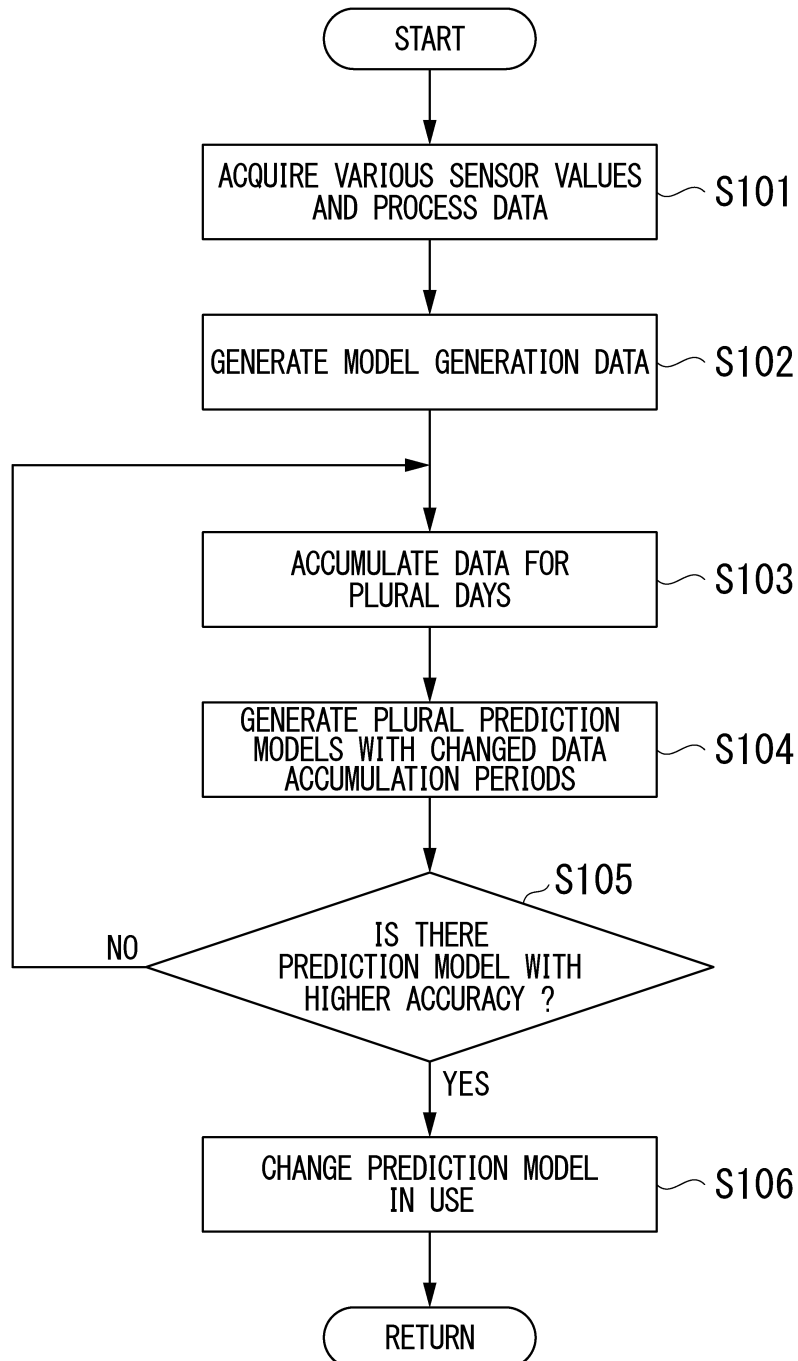
PREDICTION MODEL GENERATION PROCESS

FIG. 13

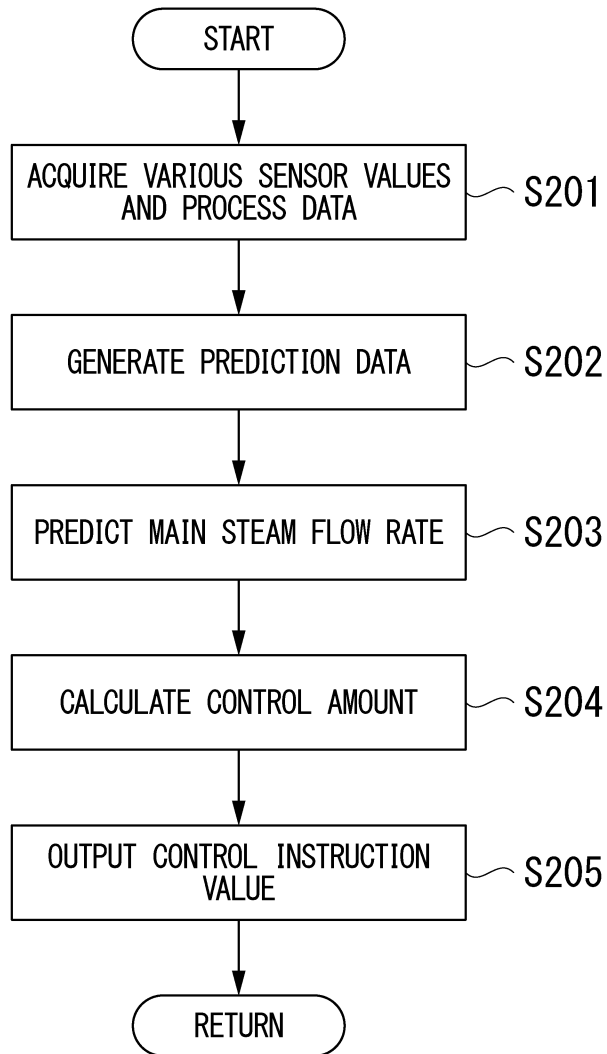
OPERATION STAGE OF COMBUSTION FACILITY

FIG. 14

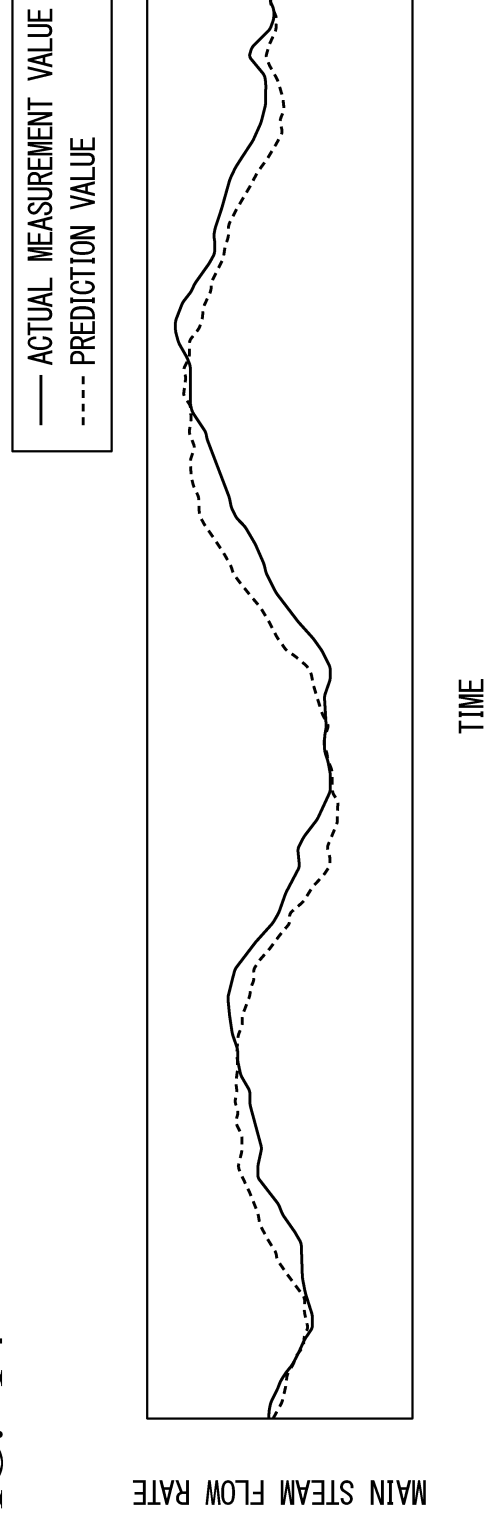


FIG. 15

