FIG.1

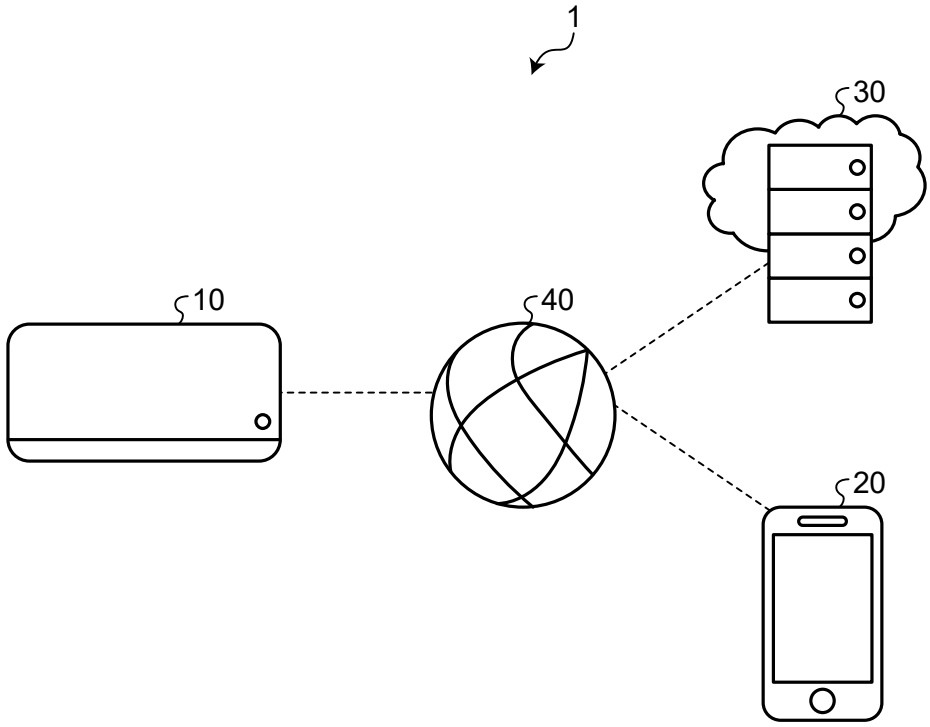

1
30
10
40
20

FIG.2

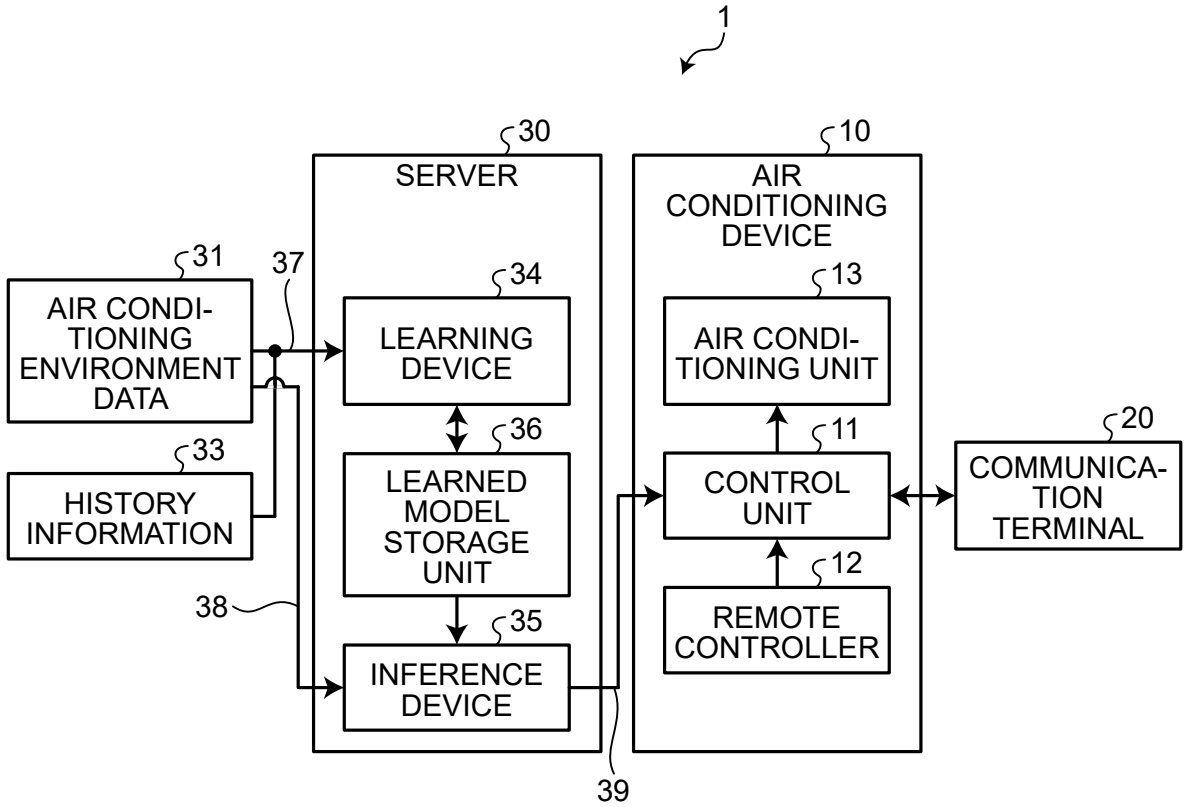

1
30
SERVER
10
AIR CONDITIONING DEVICE
31
AIR CONDI-TIONING ENVIRONMENT DATA
37
34
LEARNING DEVICE
13
AIR CONDI-TIONING UNIT
33
HISTORY INFORMATION
36
LEARNED MODEL STORAGE UNIT
11
CONTROL UNIT
20
COMMUNICA-TION TERMINAL
38
35
INFERENCE DEVICE
12
REMOTE CONTROLLER
39

FIG.3

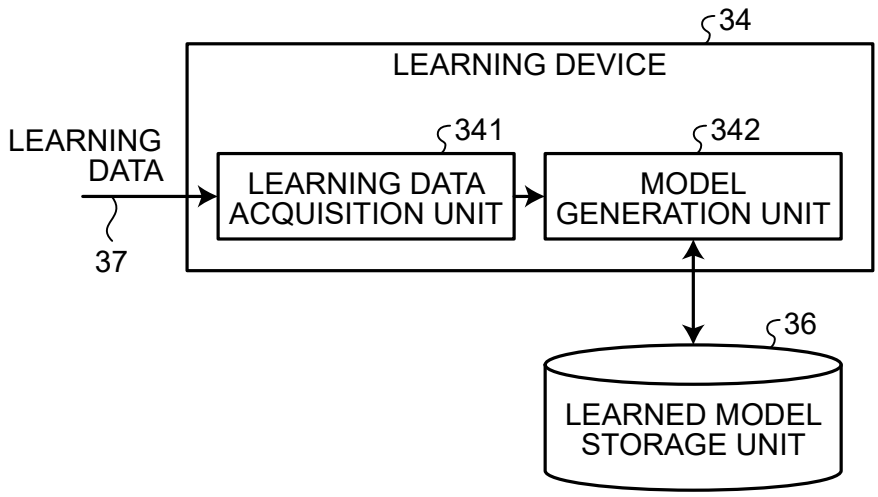

34
LEARNING DEVICE
LEARNING DATA
37
341
LEARNING DATA ACQUISITION UNIT
342
MODEL GENERATION UNIT
36
LEARNED MODEL STORAGE UNIT

FIG.4

HISTORY INFORMATION

33

DATE AND TIME	OPERATION MODE	SET TEMPER-ATURE	AIR VOLUME	WIND SPEED	etc.···
20xx/x/xx 10:15:30	COOLING	18	3	4	

AIR CONDITIONING ENVIRONMENT DATA

31

DATE AND TIME	FLOOR TEMPER-ATURE	INDOOR TEMPER-ATURE	OUTDOOR TEMPER-ATURE	WEATHER	PRECIPI-TATION	etc.···
20xx/x/xx 10:15:30	20	21	23	CLEAR	0	

FIG.5

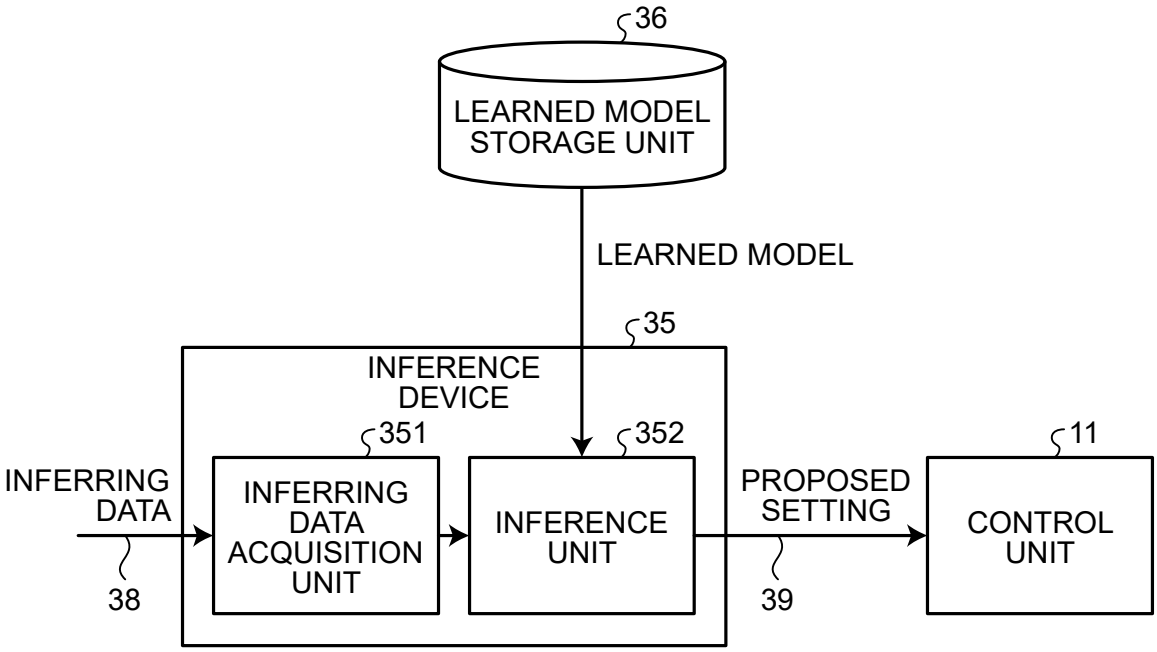

36
LEARNED MODEL STORAGE UNIT
LEARNED MODEL
35
INFERENCE DEVICE
351
352
11
INFERRING DATA
INFERRING DATA ACQUISITION UNIT
INFERENCE UNIT
PROPOSED SETTING
CONTROL UNIT
38
39

FIG.6

PROPOSED SETTING

39

OPERA-TION No.		CONTROL TIME (MIN)	FLOOR TEMPER-ATURE	INDOOR TEMPER-ATURE	OUTDOOR TEMPER-ATURE	WEATHER	PRECIPI-TATION	etc....
1	COOLING AT 20°C UPWARD WIND DIRECTION RELATIVELY HIGH AIR VOLUME AIR BLOW EXPOSURE ACTIVE	60	20	21	23	CLEAR	0	
2	COOLING AT 25°C AUTOMATIC WIND DIRECTION RELATIVELY LOW AIR VOLUME AIR BLOW EXPOSURE INACTIVE	120	20	21	18	CLOUDY	1	
3	STOP		20	21	23	CLEAR	2	

FIG.7

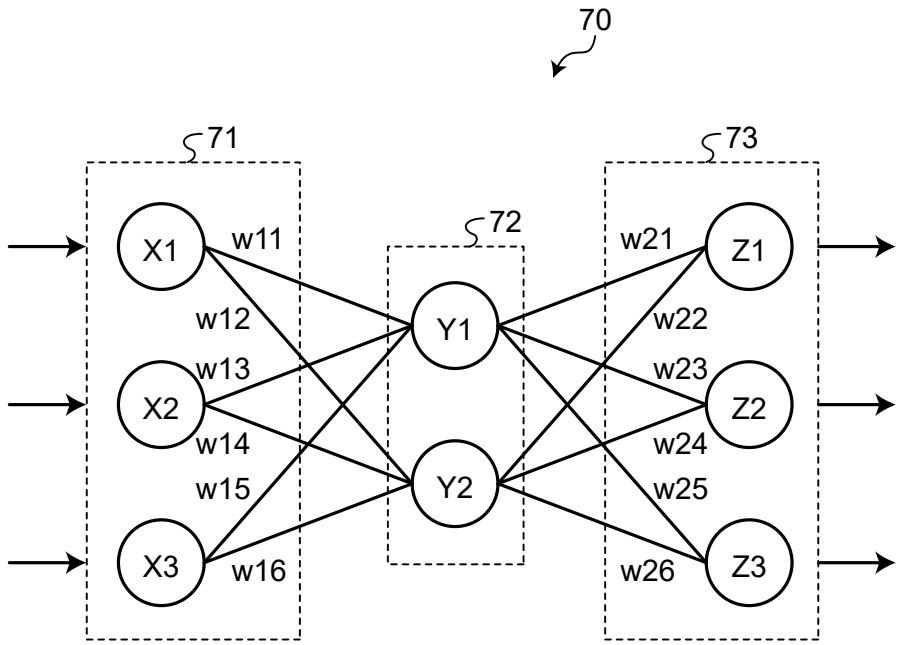

70
71
72
73
X1
X2
X3
Y1
Y2
Z1
Z2
Z3
w11
w12
w13
w14
w15
w16
w21
w22
w23
w24
w25
w26

FIG.8

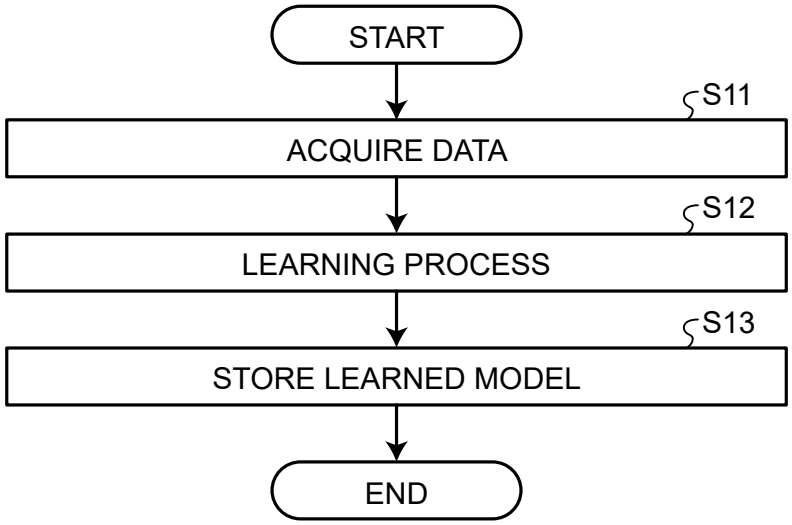

START
S11
ACQUIRE DATA
S12
LEARNING PROCESS
S13
STORE LEARNED MODEL
END

FIG.9

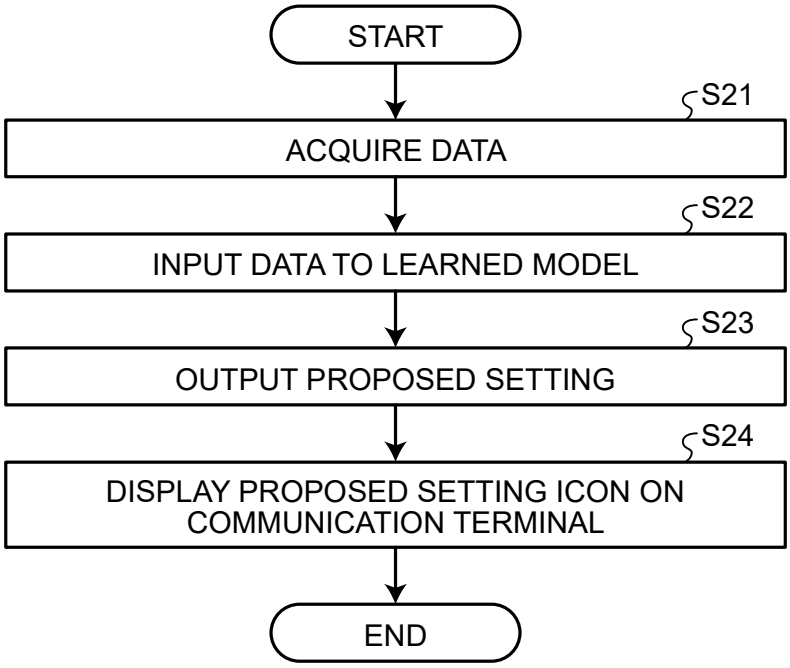

START
S21
ACQUIRE DATA
S22
INPUT DATA TO LEARNED MODEL
S23
OUTPUT PROPOSED SETTING
S24
DISPLAY PROPOSED SETTING ICON ON COMMUNICATION TERMINAL
END

FIG.10

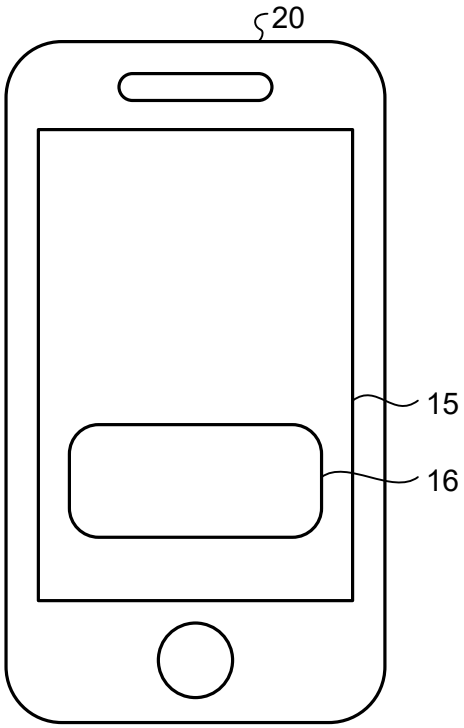

20
15
16

FIG.11

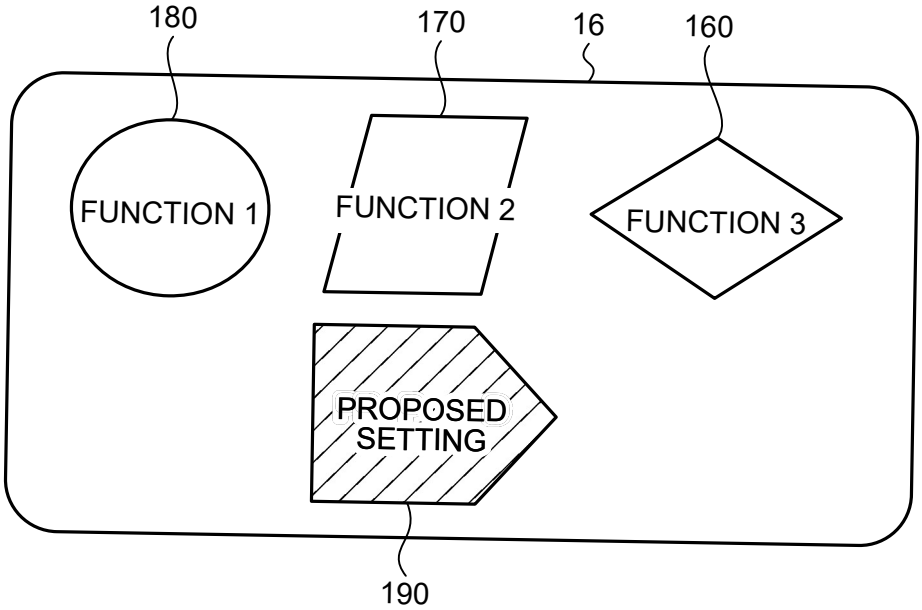
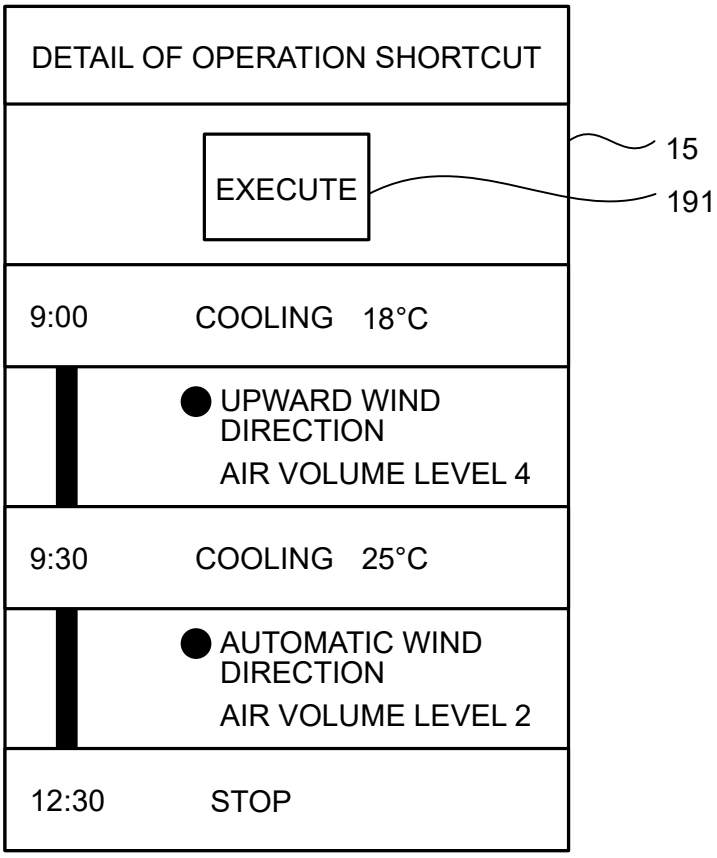

180
170
16
160
FUNCTION 1
FUNCTION 2
FUNCTION 3
PROPOSED SETTING
190

FIG.12


DETAIL OF OPERATION SHORTCUT
EXECUTE
15
191
9:00
COOLING 18°C
UPWARD WIND DIRECTION
AIR VOLUME LEVEL 4
9:30
COOLING 25°C
AUTOMATIC WIND DIRECTION
AIR VOLUME LEVEL 2
12:30
STOP

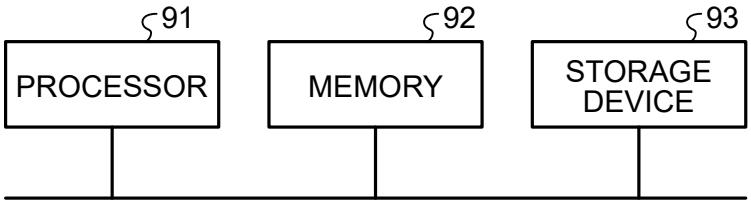



FIG.13