

FIG. 1

100

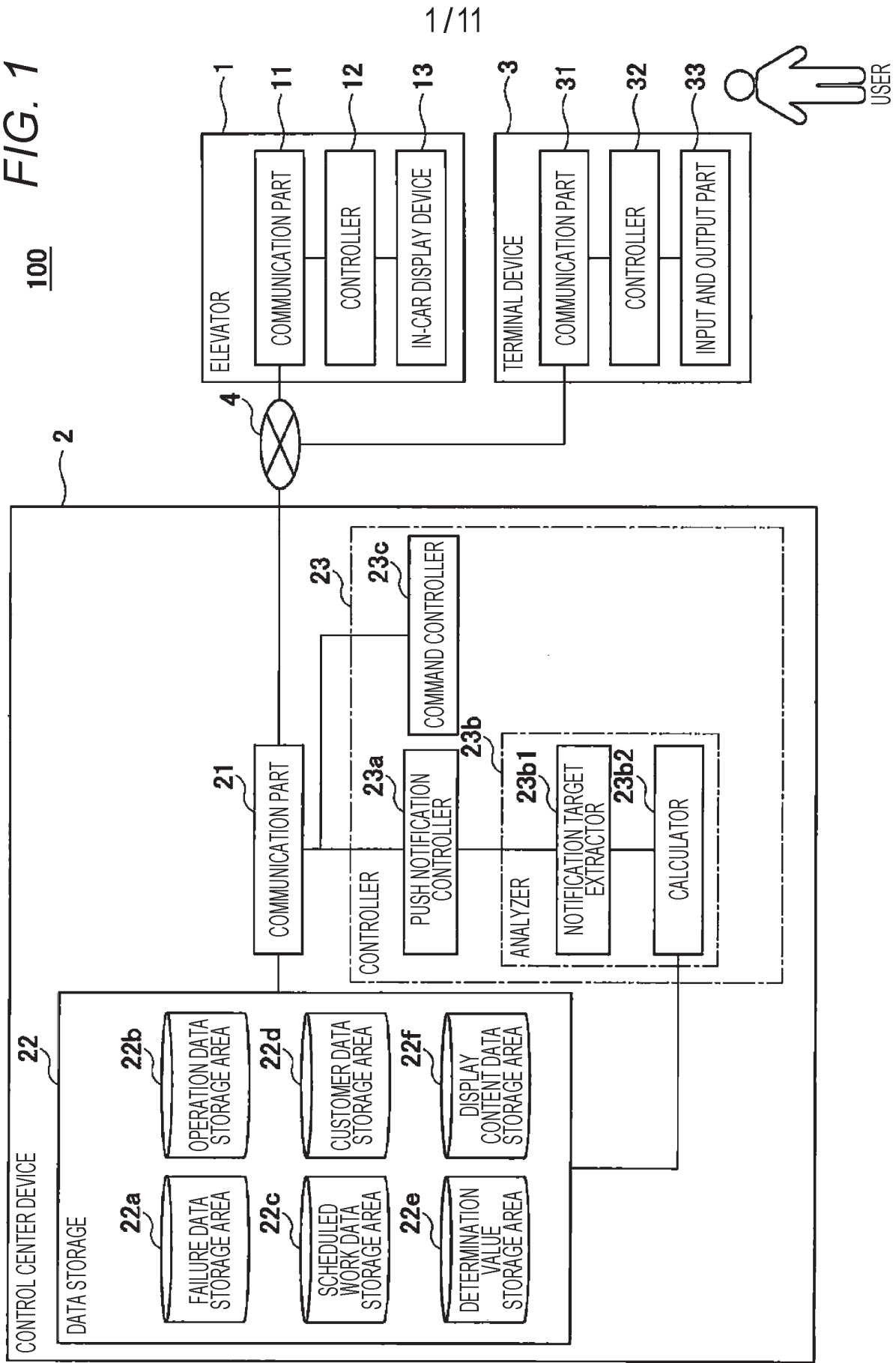


FIG. 2

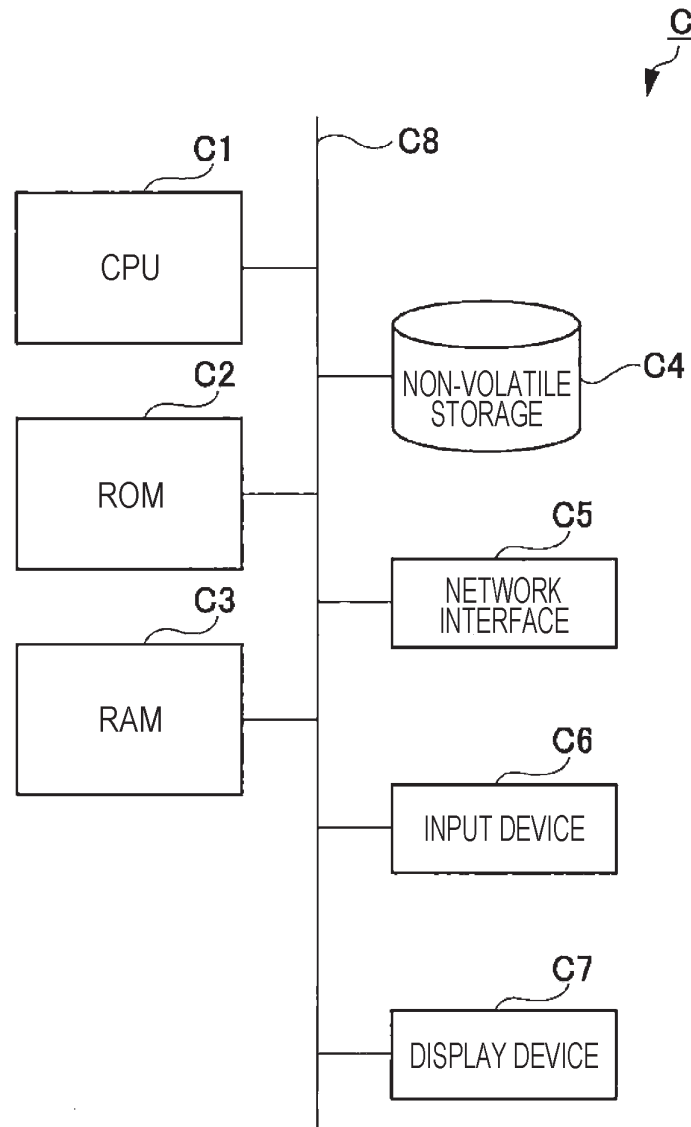


FIG. 3**22a**

ELEVATOR ID	FAILURE CONTENT	DETECTION DATE AND TIME
12345678	DOOR OPENING/CLOSING ABNORMALITY	2019/03/01 10:00:00
12345678	SAFETY DEVICE TRIP	2019/03/11 02:00:00
12345678	DOOR OPENING/CLOSING ABNORMALITY	2019/03/12 09:00:00
12345678	POWER SUPPLY ABNORMALITY	2019/02/12 22:15:00
98765432	SAFETY DEVICE TRIP	2019/03/08 16:30:00
98765432	POWER SUPPLY ABNORMALITY	2019/03/20 19:00:00

FIG. 4

ELEVATOR ID	TRAVEL TIME (hour)	DOOR OPENING/CLOSING FREQUENCY FOR EACH FLOOR (FIRST FLOOR)	DOOR OPENING/CLOSING FREQUENCY FOR EACH FLOOR (SECOND FLOOR)
12345678	70	300	20

22b

FIG. 5

22e

DETERMINATION ITEM	DETERMINATION VALUE (TIME)	DETERMINATION PERIOD (DAY)	FIXED PHRASE	RECOMMENDED CONTENT
HIGH FREQUENCY OF DOOR OPENING/ CLOSING ABNORMALITY	2	30	DO NOT PINCH ANYTHING IN A GAP OF THE DOOR, OTHERWISE THIS MAY CAUSE A FAILURE.	PREVENT THE ELEVATOR FROM BEING STOPPED DUE TO MISCHIEF.
HIGH FREQUENCY OF ELEVATOR CONGESTION	3	7	THE ELEVATOR WILL BE VERY CROWDED AROUND THIS TIME OF THE DAY, SO PLEASE USE STAIRS/ AN ESCALATOR TO MOVE WITHIN THREE FLOORS.	ENCOURAGE USERS TO MOVE TO ADJACENT FLOORS USING ANOTHER MEANS TO REDUCE CONGESTION AND IMPROVE THE SATISFACTION OF USERS MOVING TO HIGHER FLOORS.
HIGH FREQUENCY OF SAFETY DEVICE TRIP	2	30	DO NOT SHAKE THE ELEVATOR DURING OPERATION, OTHERWISE THIS MAY CAUSE A FAILURE.	PROMOTE AN IMPROVEMENT IN RIDING MANNERS AND PREVENT THE ELEVATOR FROM BEING STOPPED.

FIG. 6

22f

ELEVATOR ID	DISPLAY SCHEDULE (START)	DISPLAY SCHEDULE (END)	FIXED PHRASE
12345678	2019/4/15 10:00	2019/5/15 10:00	DO NOT PINCH ANYTHING IN A GAP OF THE DOOR, OTHERWISE THIS MAY CAUSE A FAILURE.

FIG. 7

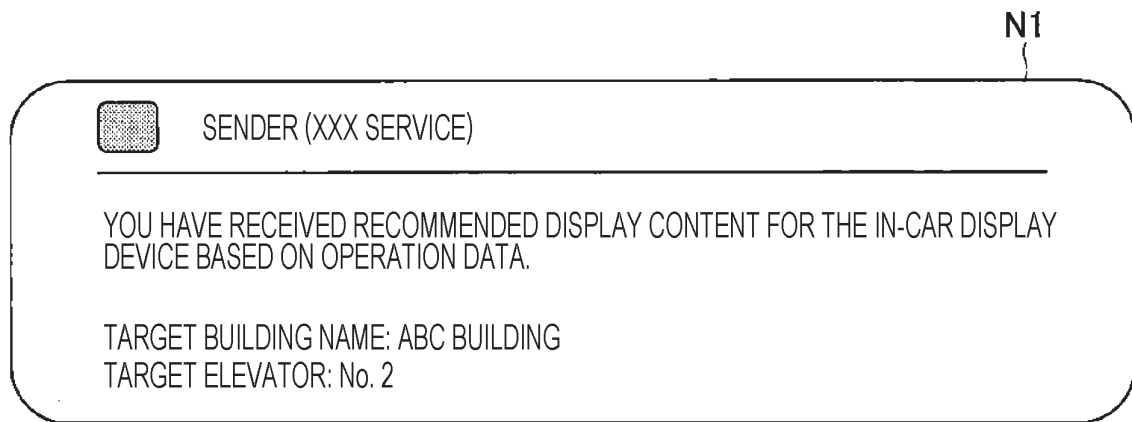


FIG. 8

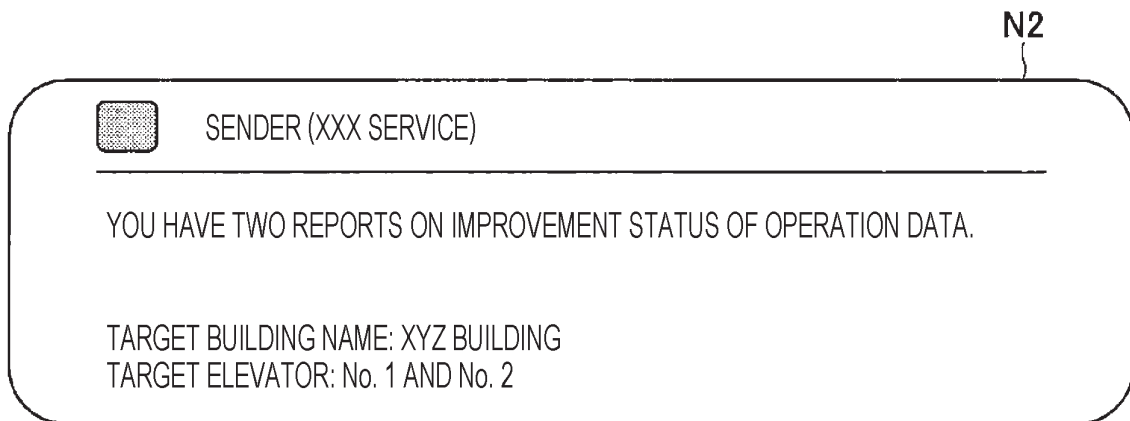


FIG. 9

IN-CAR DISPLAY DEVICE DISPLAY CONTENT CHANGE SCREEN

BUILDING NAME

ABC BUILDING

DETECTED CONTENT

HIGH FREQUENCY OF CONGESTION OF THE ELEVATOR

DETECTION PERIOD

2018/10/01 0:00 TO 2018/10/31 23:59

DETECTION FREQUENCY

15

SCREEN IMAGE

BEFORE CHANGE
(CURRENTLY DISPLAYED CONTENT)

THE ABOVE SITUATION MAY BE RESOLVED BY CHANGING THE DISPLAY CONTENT ON THE IN-CAR DISPLAY DEVICE.
IF DESIRED TO CHANGE THE DISPLAY CONTENT, SELECT DESIRED DISPLAY CONTENT.
IF DESIRED TO CONFIRM RECOMMENDED CONTENT FOR CHANGING THE DISPLAY CONTENT, SELECT THE FOLLOWING RADIO BUTTON OF "RECOMMENDED CONTENT".

DISPLAY CONTENT

RECOMMENDED CONTENT

THE ELEVATOR WILL BE VERY CROWDED AROUND THIS TIME OF THE DAY, SO PLEASE USE STAIRS/AN ESCALATOR TO MOVE WITHIN THREE FLOORS.
7:30 - 9:00

102

RECOMMENDED CONTENT

ENCOURAGE TO USE STAIRS/ AN ESCALATOR TO REDUCE CONGESTION OF THE ELEVATOR.

103

☒ RECOMMENDED CONTENT
 ☐ EDIT A MESSAGE (FREE DESCRIPTION)

☐ NO CHANGE (AS IS)

104

105

NEXT

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FIG. 10

IN-CAR DISPLAY DEVICE DISPLAY CONTENT DETERMINATION SCREEN

BUILDING NAME

ABC BUILDING

DETECTED CONTENT

HIGH FREQUENCY OF CONGESTION OF THE ELEVATOR

DETECTION PERIOD

2018/10/01 0:00 TO 2018/10/31 23:59

SCREEN IMAGE

BEFORE CHANGE
(CURRENTLY DISPLAYED CONTENT)

INPUT DESIRED DISPLAY PERIOD

DISPLAY TIME

hh:mm TO hh:mm

SPECIFY DISPLAY PERIOD

YYYY/MM/DD TO YYYY/MM/DD

DISPLAY CYCLE

☐ SUNDAY
☐ MONDAY
☐ TUESDAY
☐ WEDNESDAY
☐ THURSDAY
☐ FRIDAY
☐ SATURDAY

SPECIFY FLOOR

1 2 3 4 5 6

DETERMINE THE CHANGE

FIG. 11

IMPROVEMENT RESULT REPORT OF OPERATION DATA

Sc3

- (1) THE FREQUENCY OF CONGESTION IN NO. 1 ELEVATOR OF THE XYZ BUILDING FROM 7:30 TO 9:00 HAS BEEN REDUCED BY 15% COMPARED TO BEFORE A CHANGE IN DISPLAY CONTENT.

- (2) THE FREQUENCY OF CONGESTION IN NO. 2 ELEVATOR OF THE XYZ BUILDING FROM 7:30 TO 9:00 HAS BEEN REDUCED BY 10% COMPARED TO BEFORE A CHANGE IN DISPLAY CONTENT.

FIG. 12

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