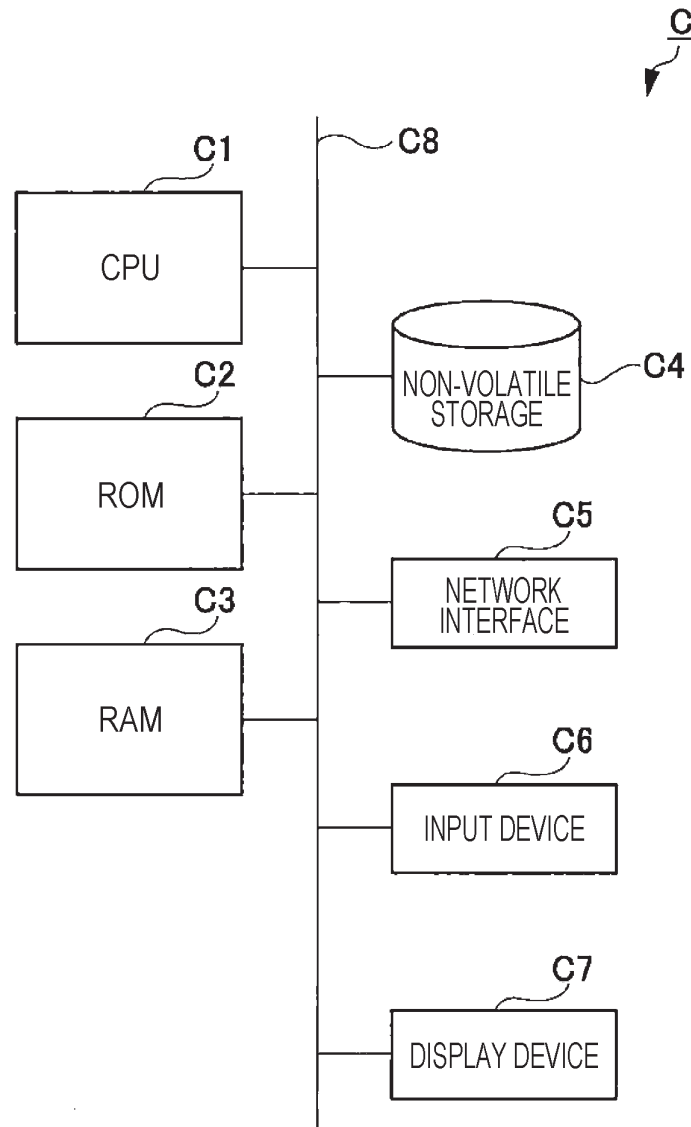




**FIG. 2**

**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<br>FOR EACH FLOOR (FIRST FLOOR) | DOOR OPENING/CLOSING FREQUENCY<br>FOR EACH FLOOR (SECOND FLOOR) |
|-------------|--------------------|----------------------------------------------------------------|-----------------------------------------------------------------|
|             |                    |                                                                |                                                                 |
|             |                    |                                                                |                                                                 |
|             |                    |                                                                |                                                                 |
| 12345678    | 70                 | 300                                                            | 20                                                              |
|             |                    |                                                                |                                                                 |
|             |                    |                                                                |                                                                 |

22b

FIG. 5

22e

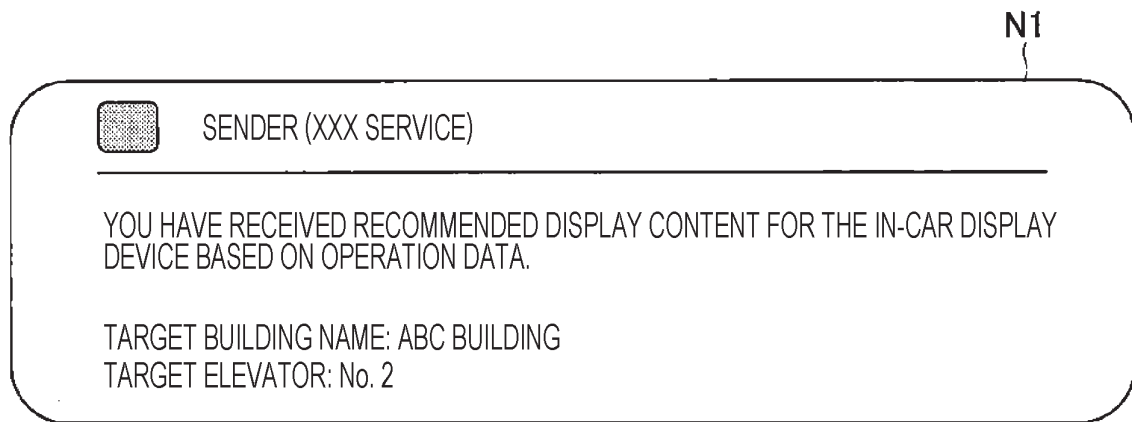
| DETERMINATION ITEM                                        | DETERMINATION<br>VALUE (TIME) | DETERMINATION<br>PERIOD (DAY) | FIXED PHRASE                                                                                                                         | RECOMMENDED CONTENT                    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

FIG. 6

22f

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

*FIG. 7*



*FIG. 8*

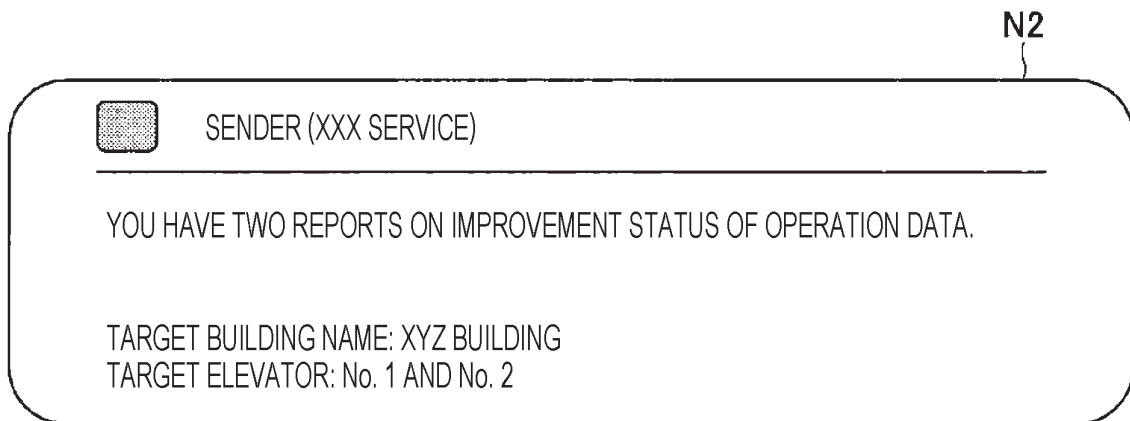


FIG. 9

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)

104

NO CHANGE (AS IS)

105

NEXT

8/11

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

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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

11/11

