FIG.1

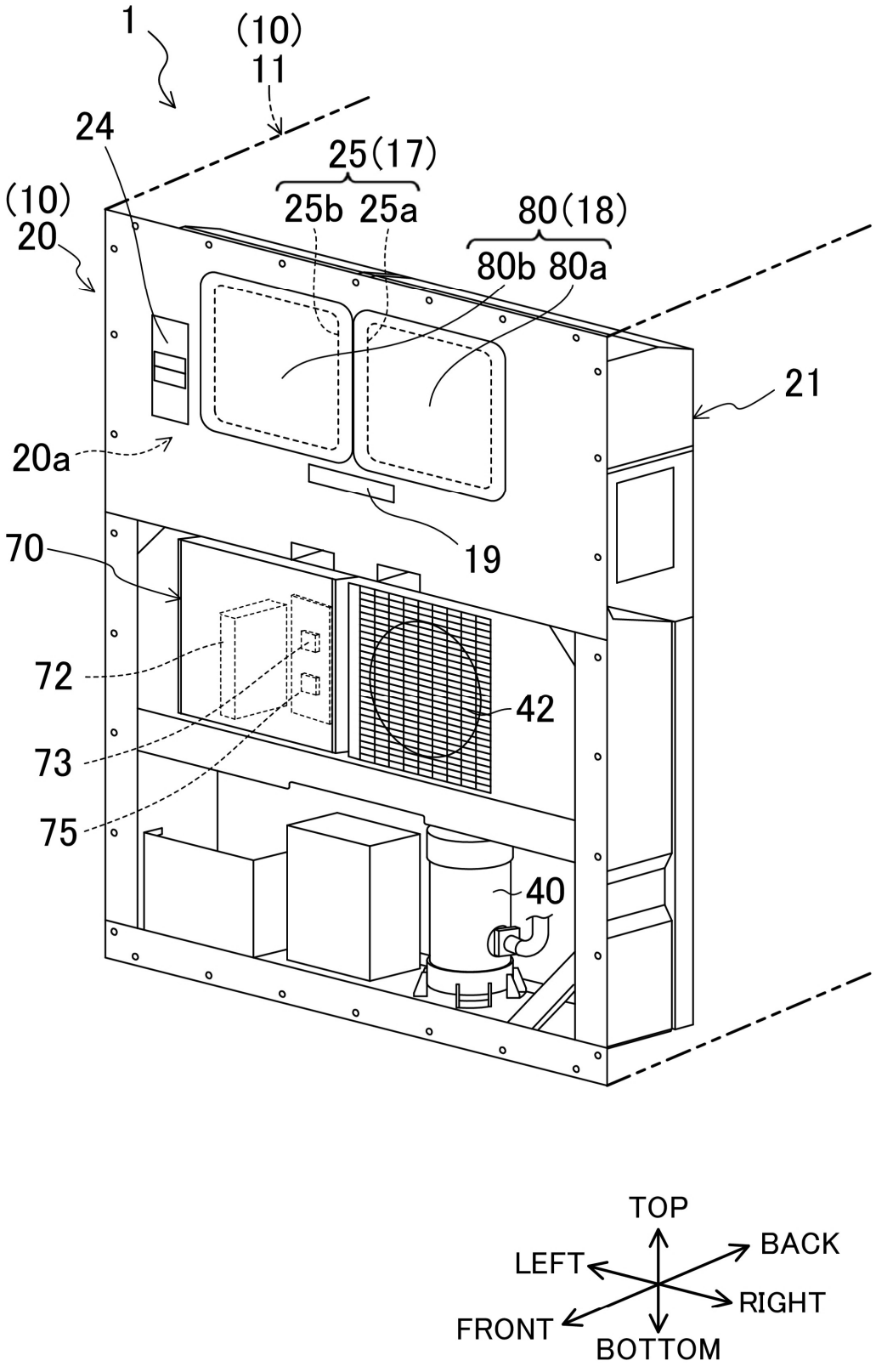

1
(10)
11
24
25(17)
25b 25a
80(18)
80b 80a
(10)
20
21
20a
19
70
72
42
73
75
40
TOP
BACK
LEFT
RIGHT
FRONT
BOTTOM

FIG.2

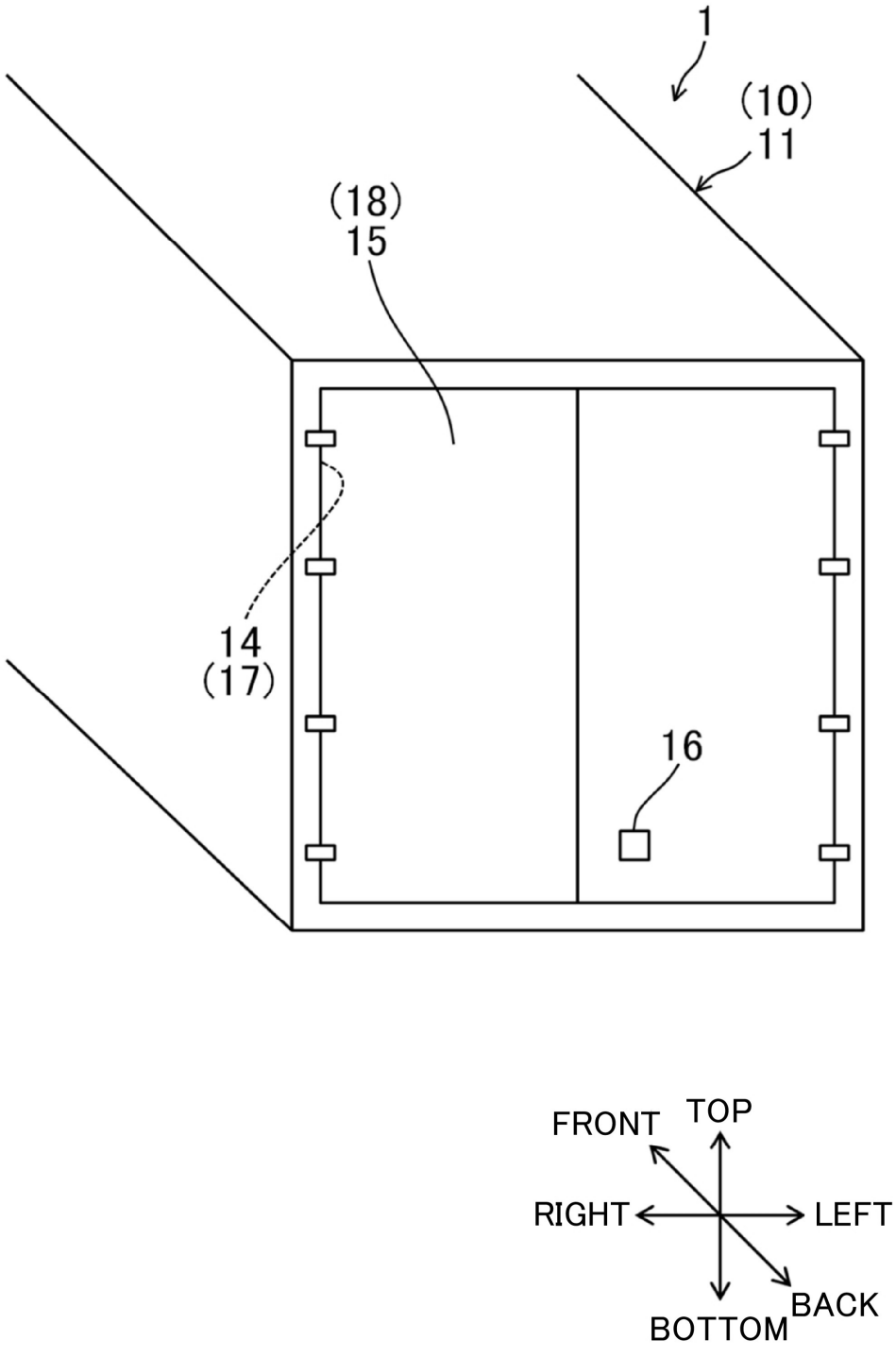


FIG.3

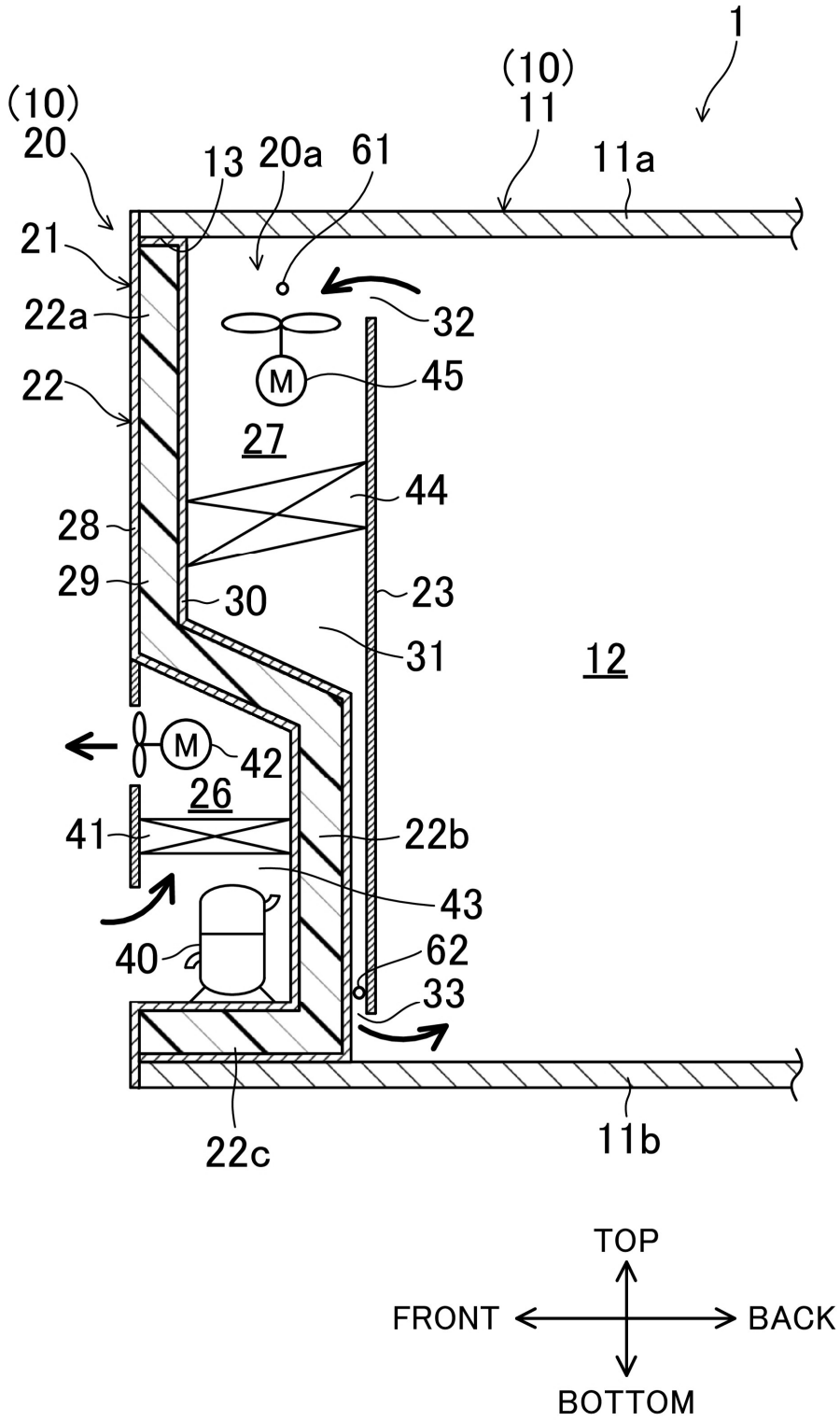

1
(10)
11
(10)
20
13
20a
61
11a
21
22a
32
22
M
45
27
44
28
29
30
23
31
12
M
42
26
41
22b
43
40
62
33
22c
11b
TOP
FRONT
BACK
BOTTOM

FIG.4

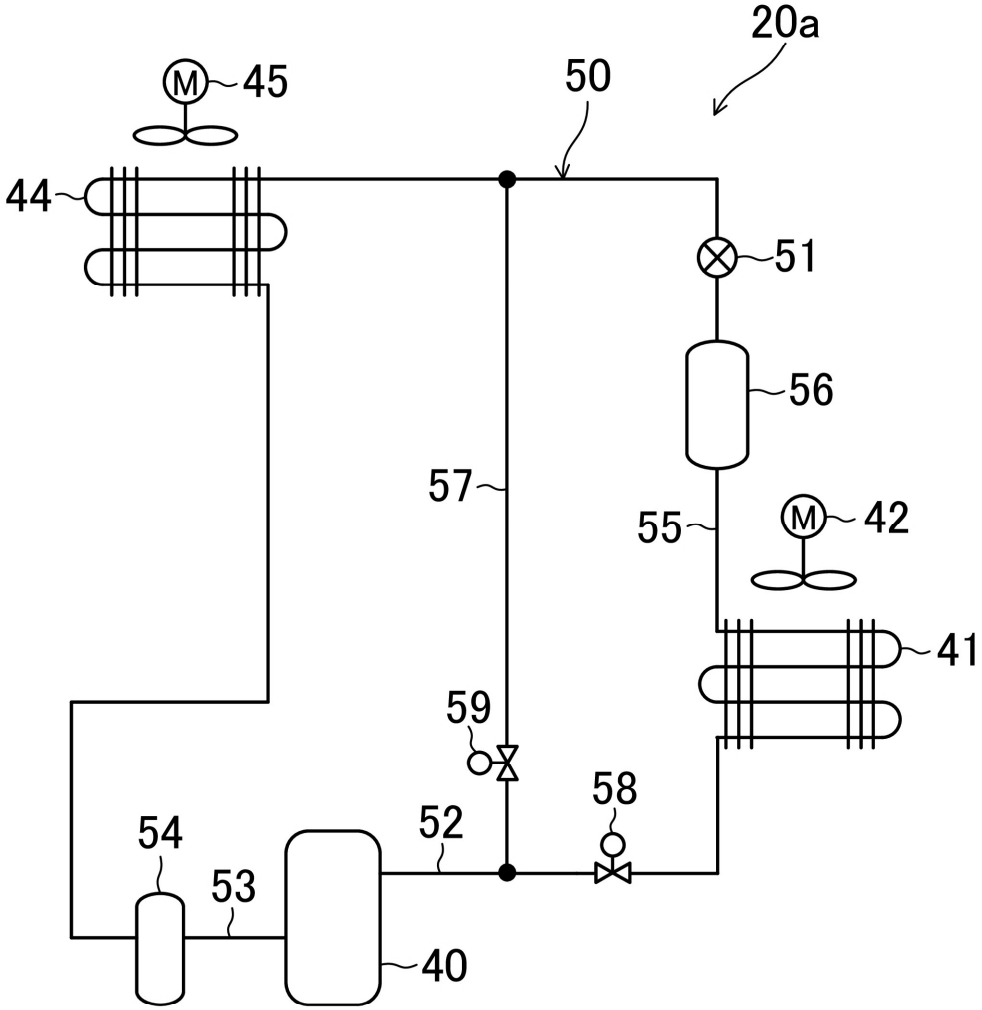


FIG.5

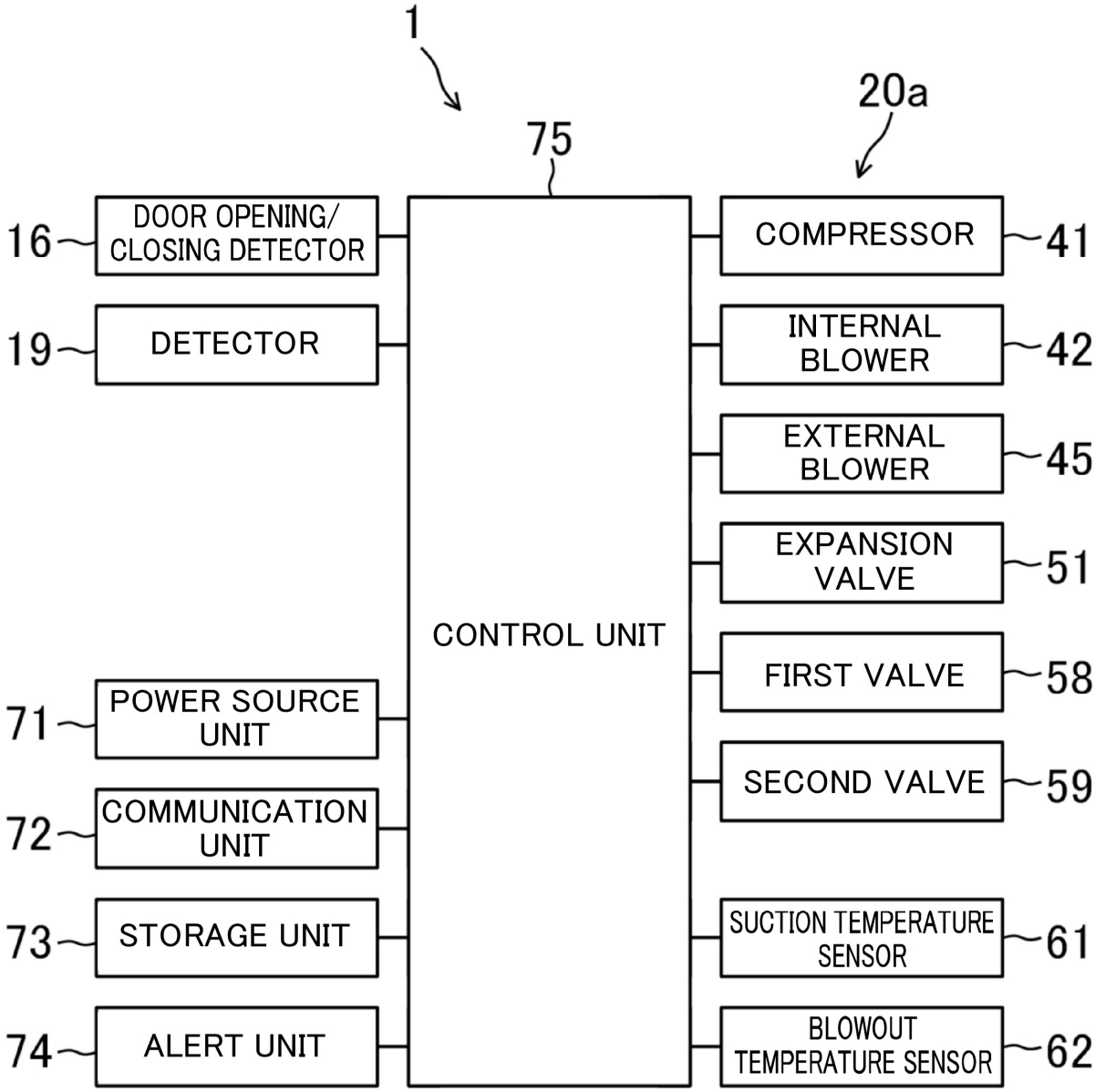

1
75
20a
16
DOOR OPENING/ CLOSING DETECTOR
19
DETECTOR
71
POWER SOURCE UNIT
72
COMMUNICATION UNIT
73
STORAGE UNIT
74
ALERT UNIT
CONTROL UNIT
COMPRESSOR
41
INTERNAL BLOWER
42
EXTERNAL BLOWER
45
EXPANSION VALVE
51
FIRST VALVE
58
SECOND VALVE
59
SUCTION TEMPERATURE SENSOR
61
BLOWOUT TEMPERATURE SENSOR
62

FIG.6

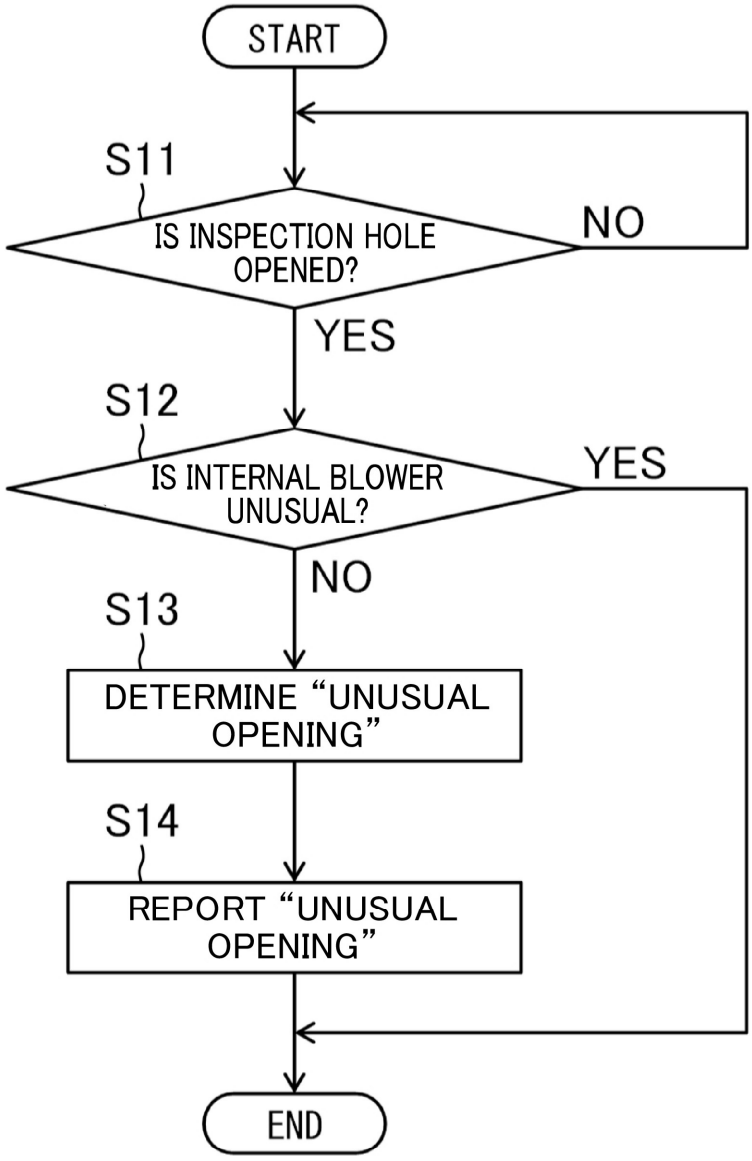

START
S11
IS INSPECTION HOLE OPENED?
NO
YES
S12
IS INTERNAL BLOWER UNUSUAL?
YES
NO
S13
DETERMINE “UNUSUAL OPENING”
S14
REPORT “UNUSUAL OPENING”
END

FIG.7

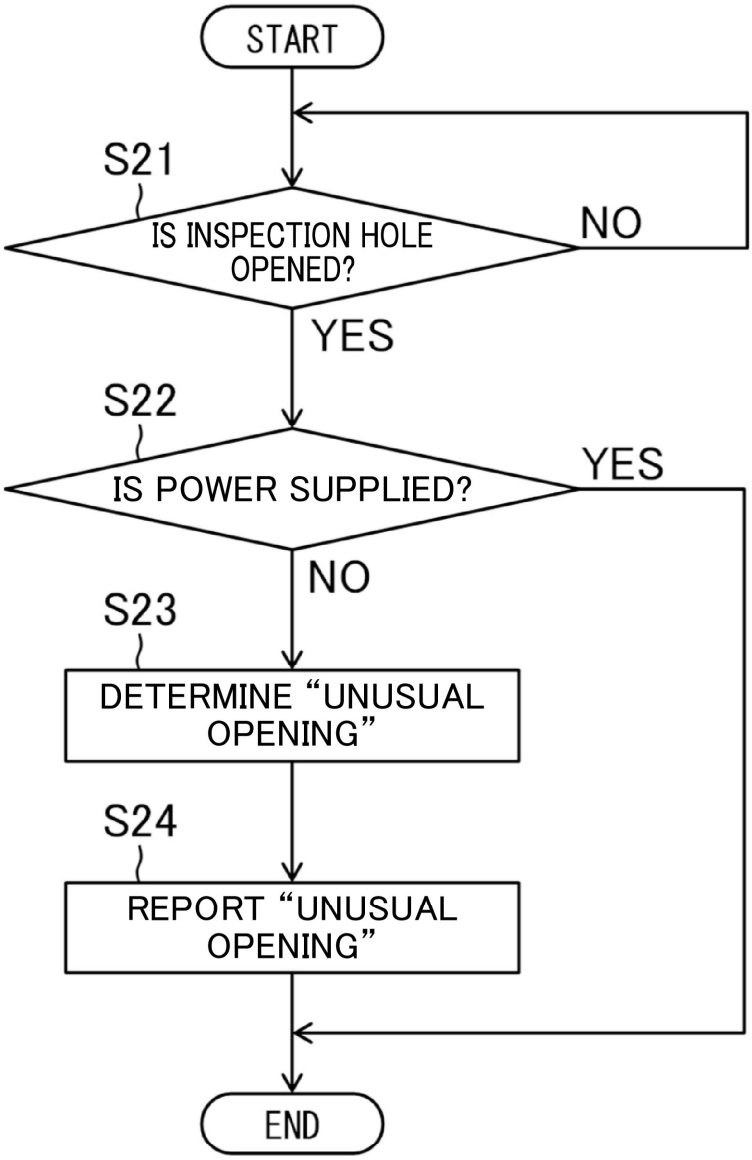

START
S21
IS INSPECTION HOLE OPENED?
NO
YES
S22
IS POWER SUPPLIED?
YES
NO
S23
DETERMINE "UNUSUAL OPENING"
S24
REPORT "UNUSUAL OPENING"
END

FIG.8

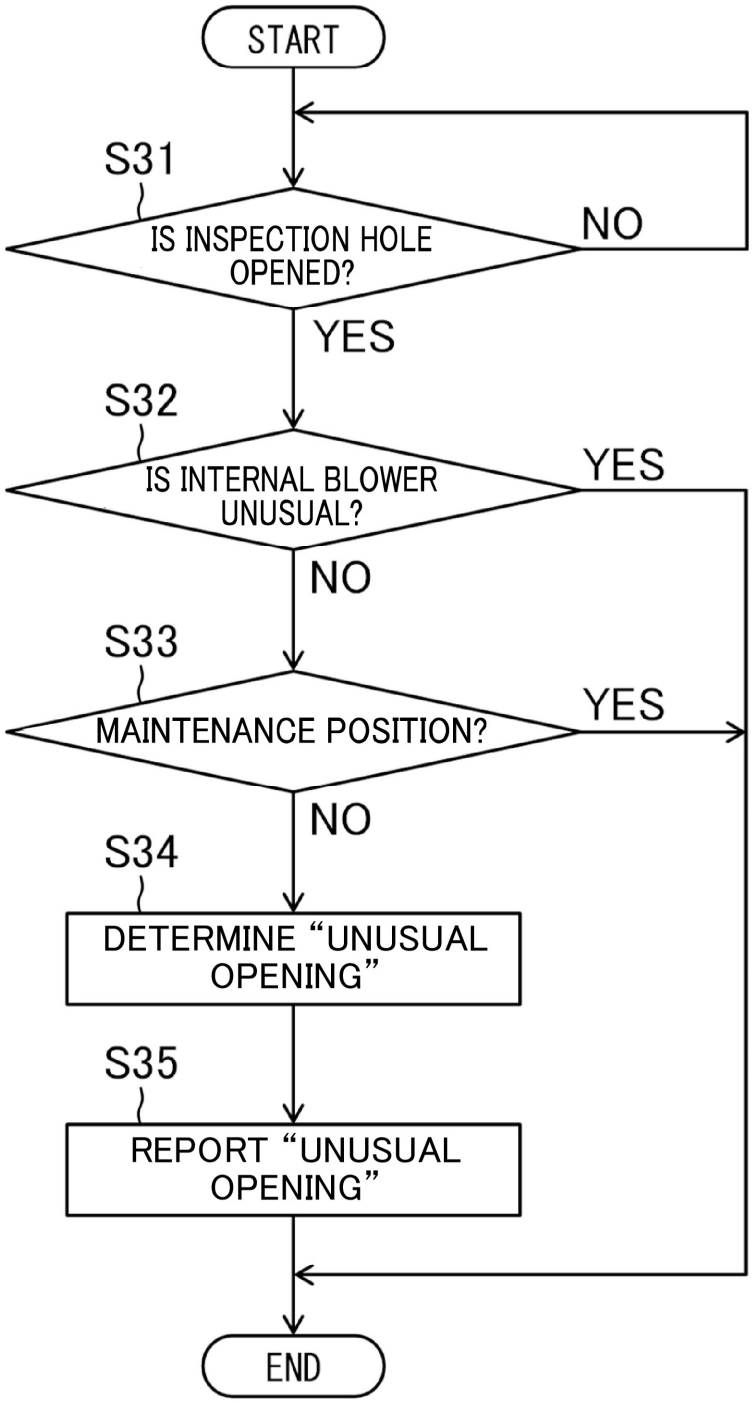

START
S31
IS INSPECTION HOLE OPENED?
NO
YES
S32
IS INTERNAL BLOWER UNUSUAL?
YES
NO
S33
MAINTENANCE POSITION?
YES
NO
S34
DETERMINE "UNUSUAL OPENING"
S35
REPORT "UNUSUAL OPENING"
END

FIG.9

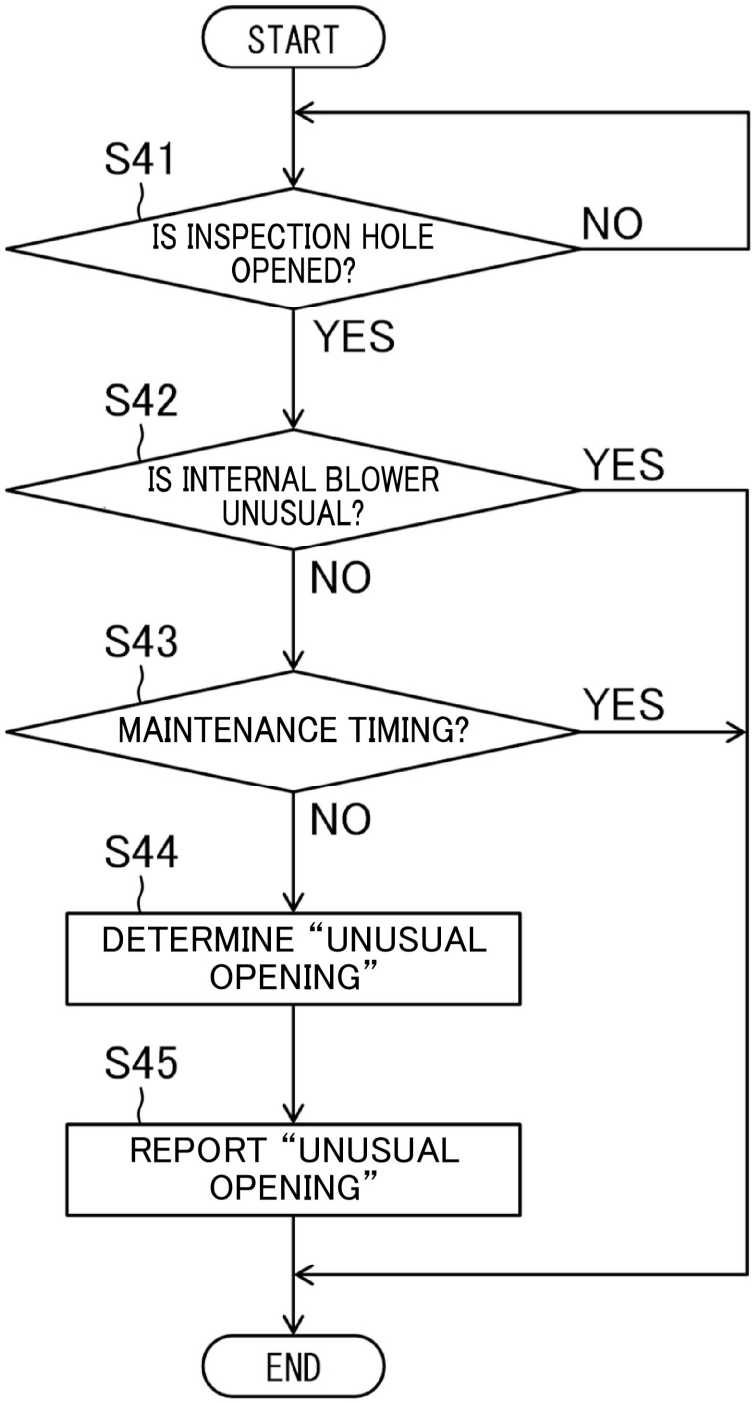

START
S41
IS INSPECTION HOLE OPENED?
NO
YES
S42
IS INTERNAL BLOWER UNUSUAL?
YES
NO
S43
MAINTENANCE TIMING?
YES
NO
S44
DETERMINE “UNUSUAL OPENING”
S45
REPORT “UNUSUAL OPENING”
END

FIG.10

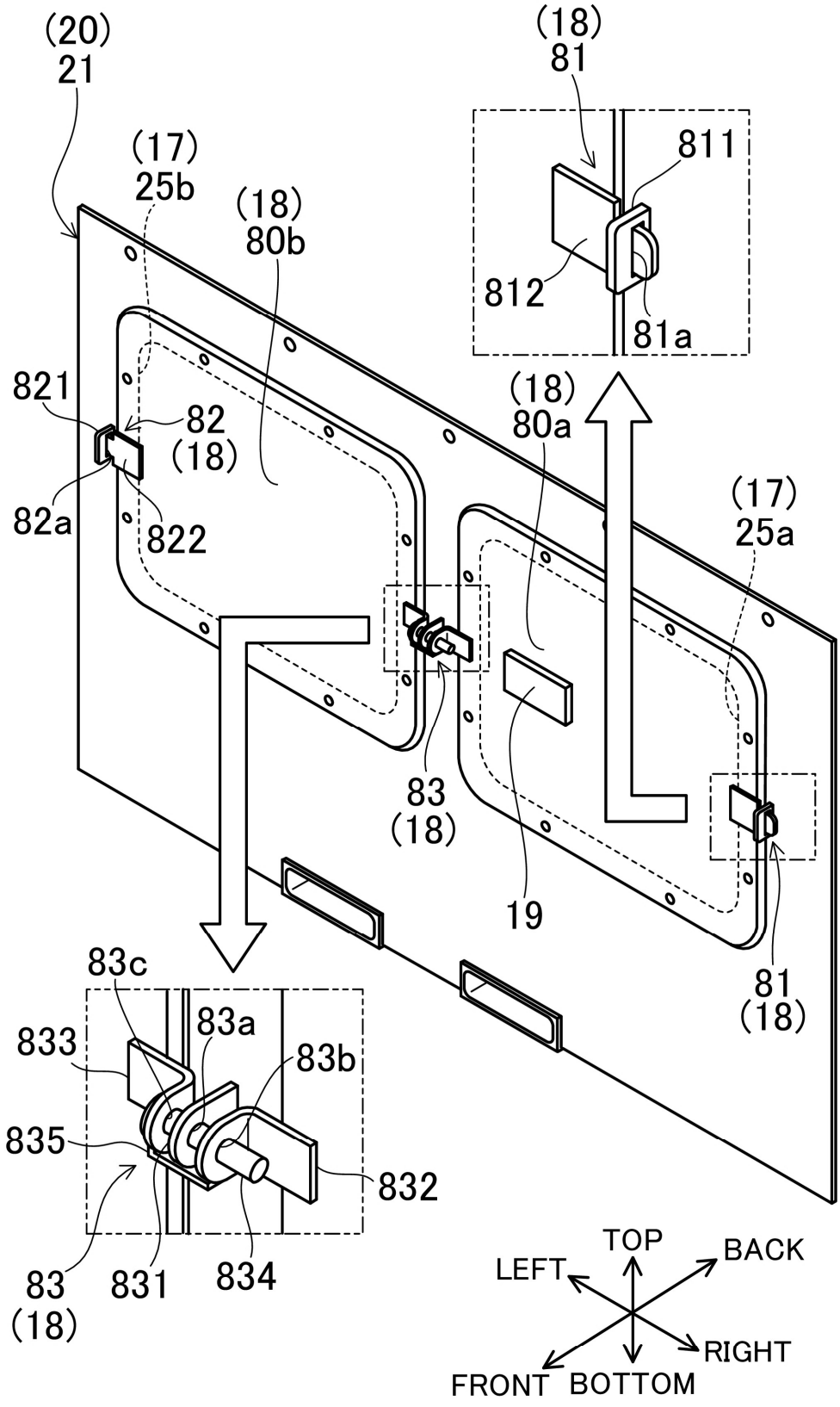

(20)
21
(17)
25b
(18)
80b
(18)
81
811
812
81a
821
82
(18)
82a
822
(18)
80a
(17)
25a
83
(18)
19
81
(18)
83c
83a
833
83b
835
832
83
(18)
831
834
TOP
BACK
LEFT
RIGHT
FRONT
BOTTOM

FIG.11

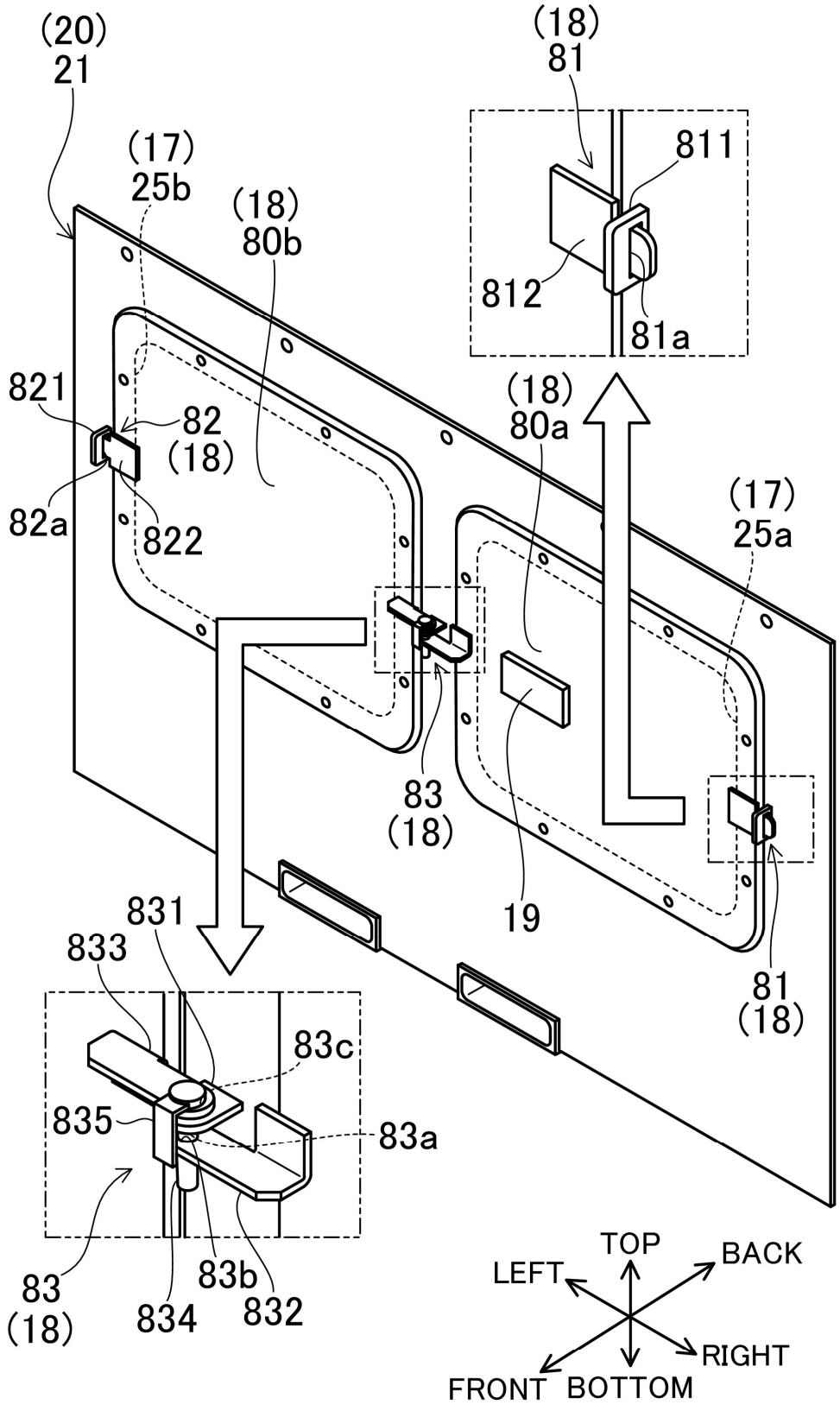

(20)
21
(18)
81
811
812
81a
(17)
25b
(18)
80b
821
82
(18)
82a
822
(18)
80a
(17)
25a
83
(18)
19
81
(18)
831
833
83c
835
83a
83
(18)
834
83b
832
TOP
BACK
LEFT
RIGHT
FRONT
BOTTOM

FIG.12

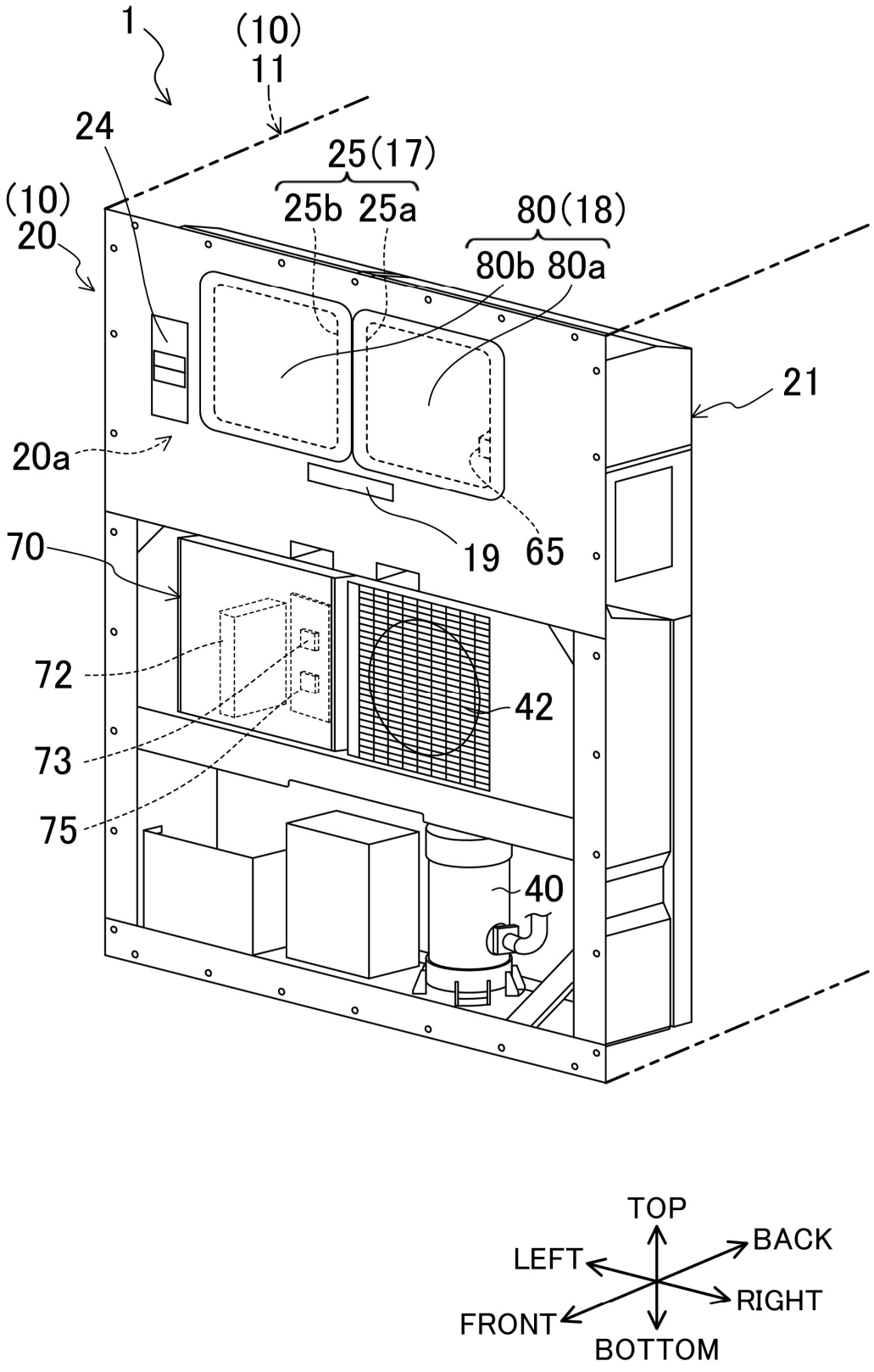

1
(10)
11
24
25(17)
25b 25a
80(18)
80b 80a
(10)
20
21
20a
19
65
70
72
73
75
42
40
TOP
BACK
LEFT
RIGHT
FRONT
BOTTOM

FIG.13

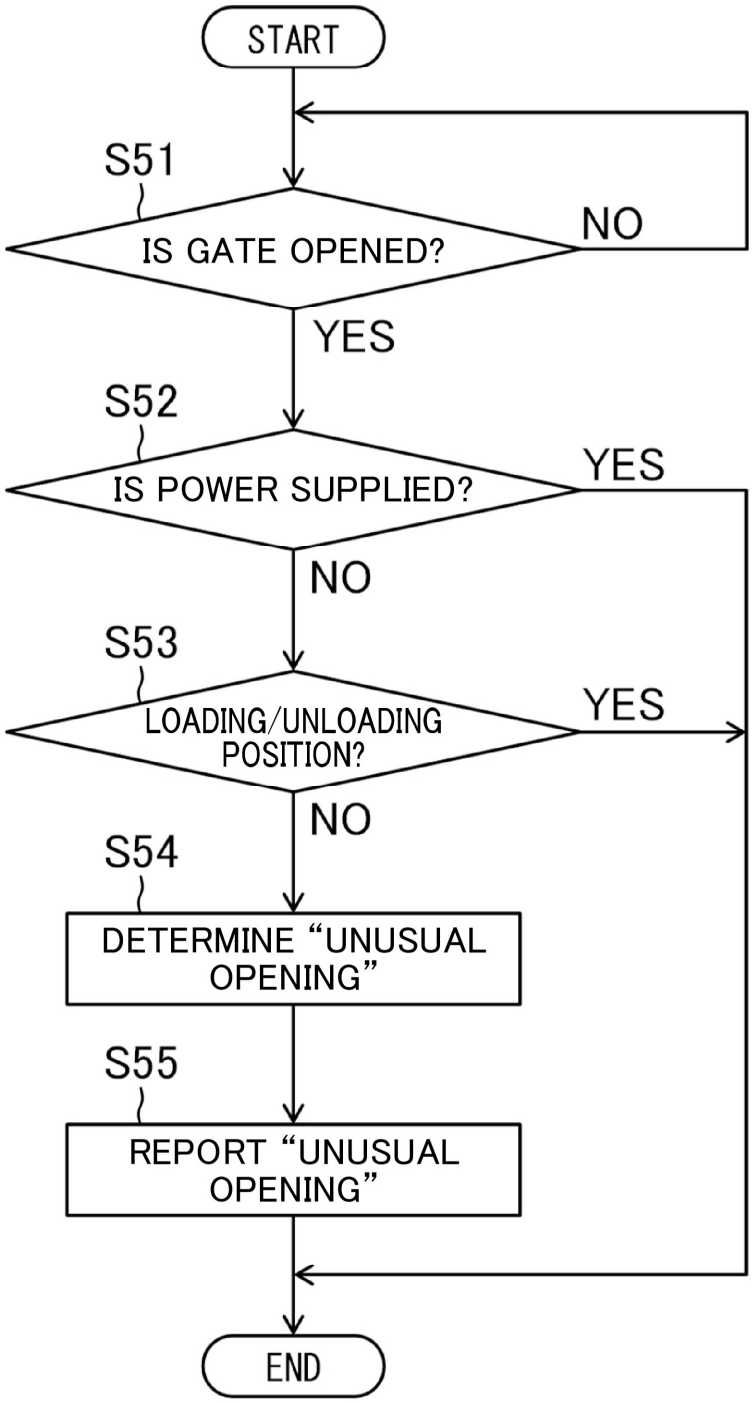
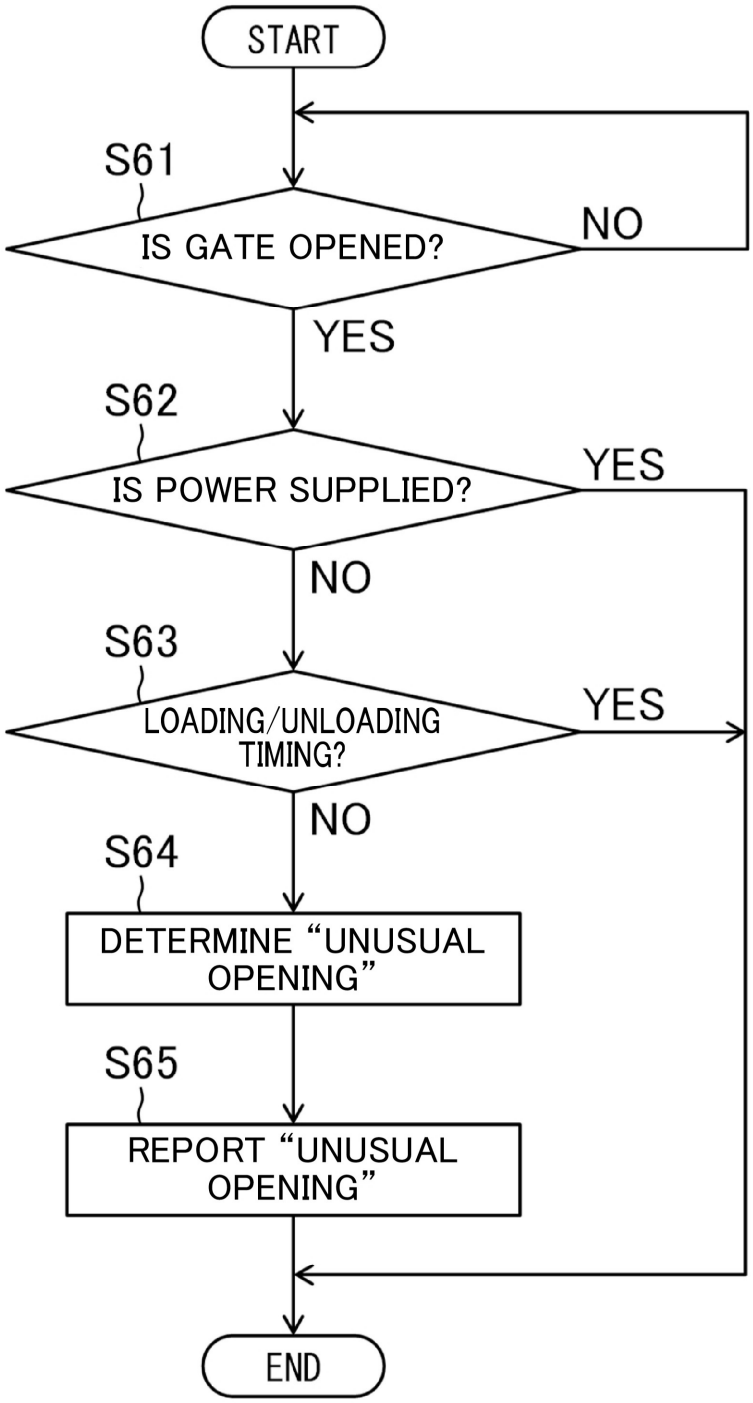

START
S51
IS GATE OPENED?
NO
YES
S52
IS POWER SUPPLIED?
YES
NO
S53
LOADING/UNLOADING POSITION?
YES
NO
S54
DETERMINE “UNUSUAL OPENING”
S55
REPORT “UNUSUAL OPENING”
END

FIG.14


START
S61
IS GATE OPENED?
NO
YES
S62
IS POWER SUPPLIED?
YES
NO
S63
LOADING/UNLOADING TIMING?
YES
NO
S64
DETERMINE “UNUSUAL OPENING”
S65
REPORT “UNUSUAL OPENING”
END