FIG. 1

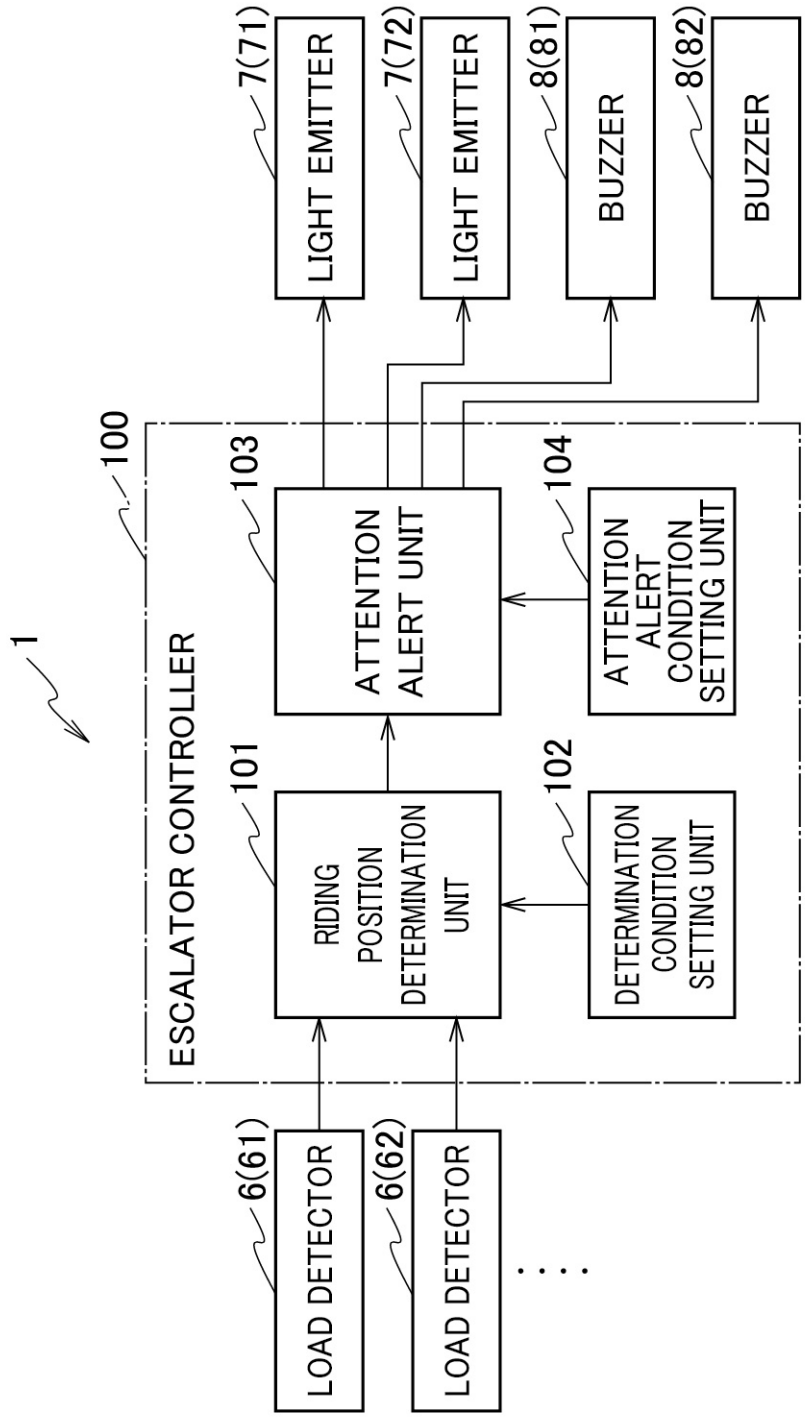

1
100
ESCALATOR CONTROLLER
101
RIDING POSITION DETERMINATION UNIT
102
DETERMINATION CONDITION SETTING UNIT
103
ATTENTION ALERT UNIT
104
ATTENTION ALERT CONDITION SETTING UNIT
6(61)
LOAD DETECTOR
6(62)
LOAD DETECTOR
7(71)
LIGHT EMITTER
7(72)
LIGHT EMITTER
8(81)
BUZZER
8(82)
BUZZER

FIG. 2

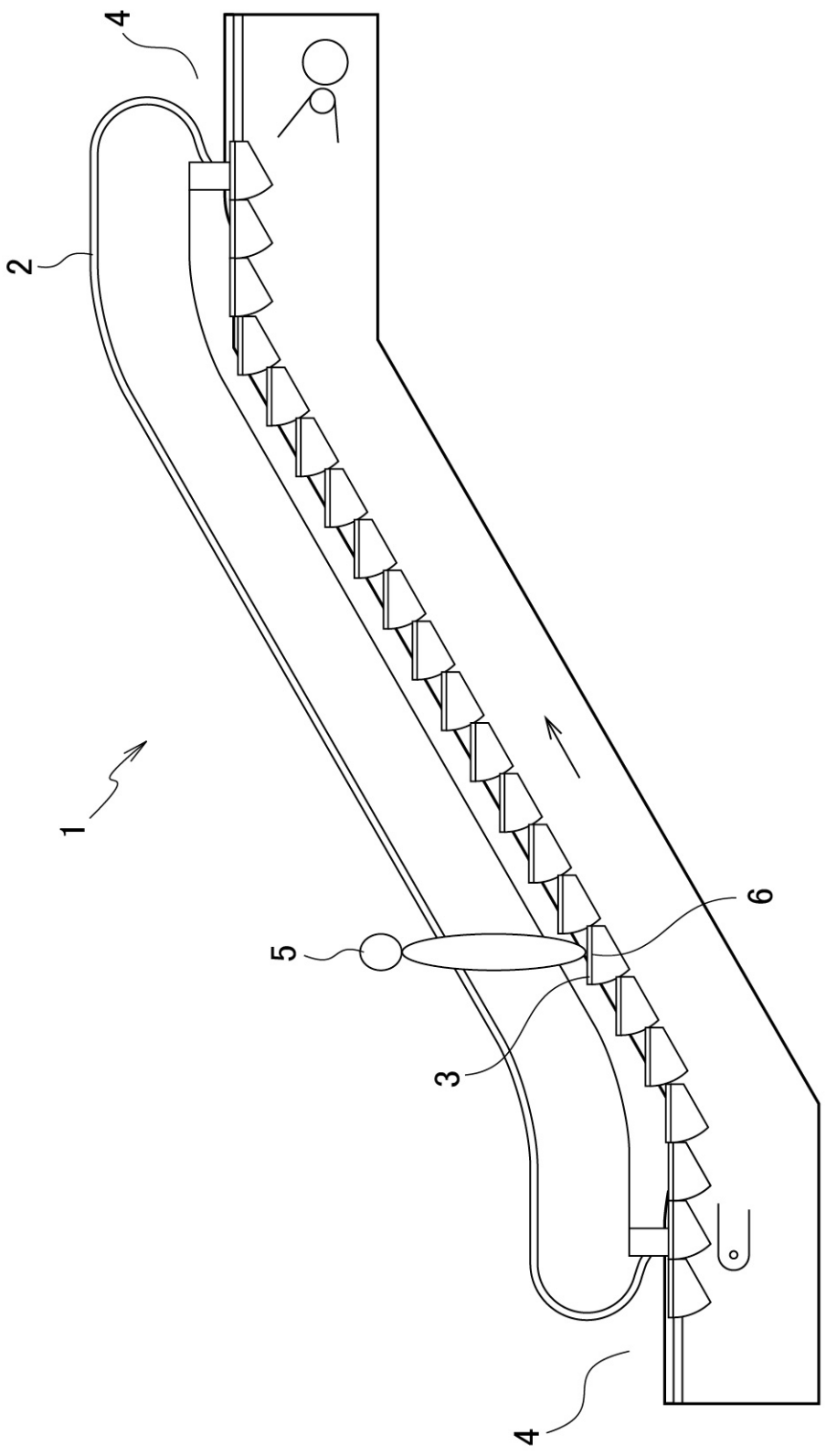


FIG. 3

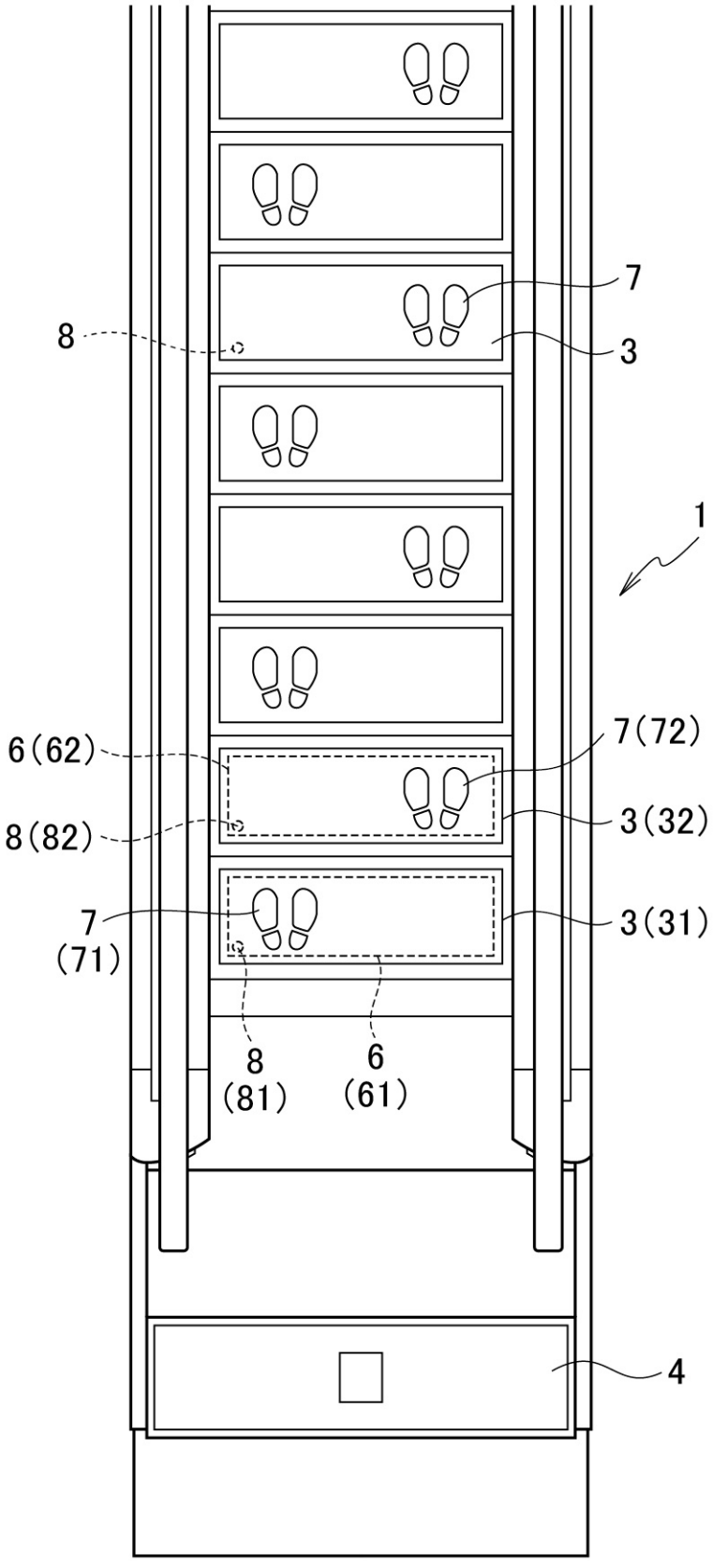


FIG. 4

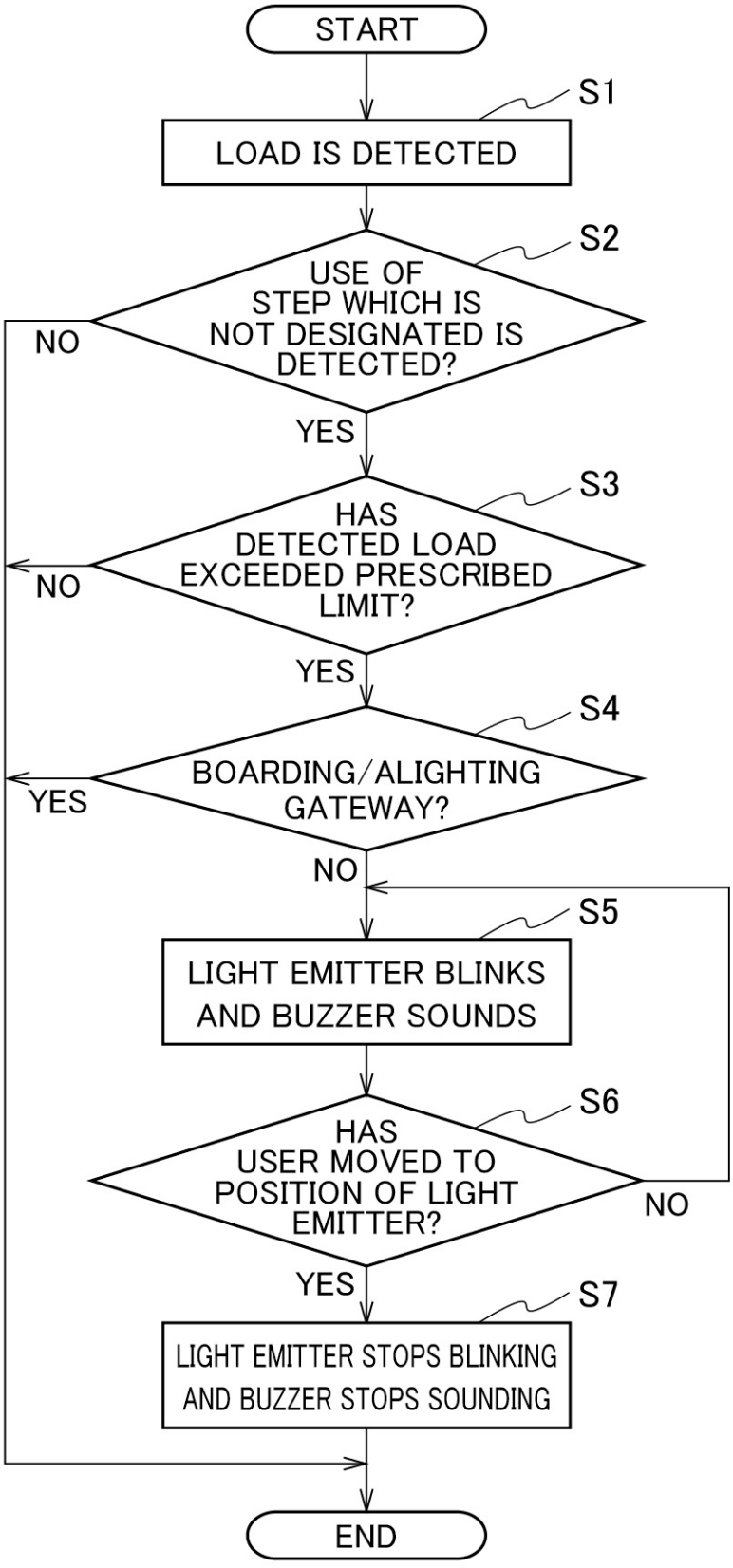

START
S1
LOAD IS DETECTED
S2
USE OF STEP WHICH IS NOT DESIGNATED IS DETECTED?
NO
YES
S3
HAS DETECTED LOAD EXCEEDED PRESCRIBED LIMIT?
NO
YES
S4
BOARDING/ALIGHTING GATEWAY?
YES
NO
S5
LIGHT EMITTER BLINKS AND BUZZER SOUNDS
S6
HAS USER MOVED TO POSITION OF LIGHT EMITTER?
NO
YES
S7
LIGHT EMITTER STOPS BLINKING AND BUZZER STOPS SOUNDING
END

FIG. 5

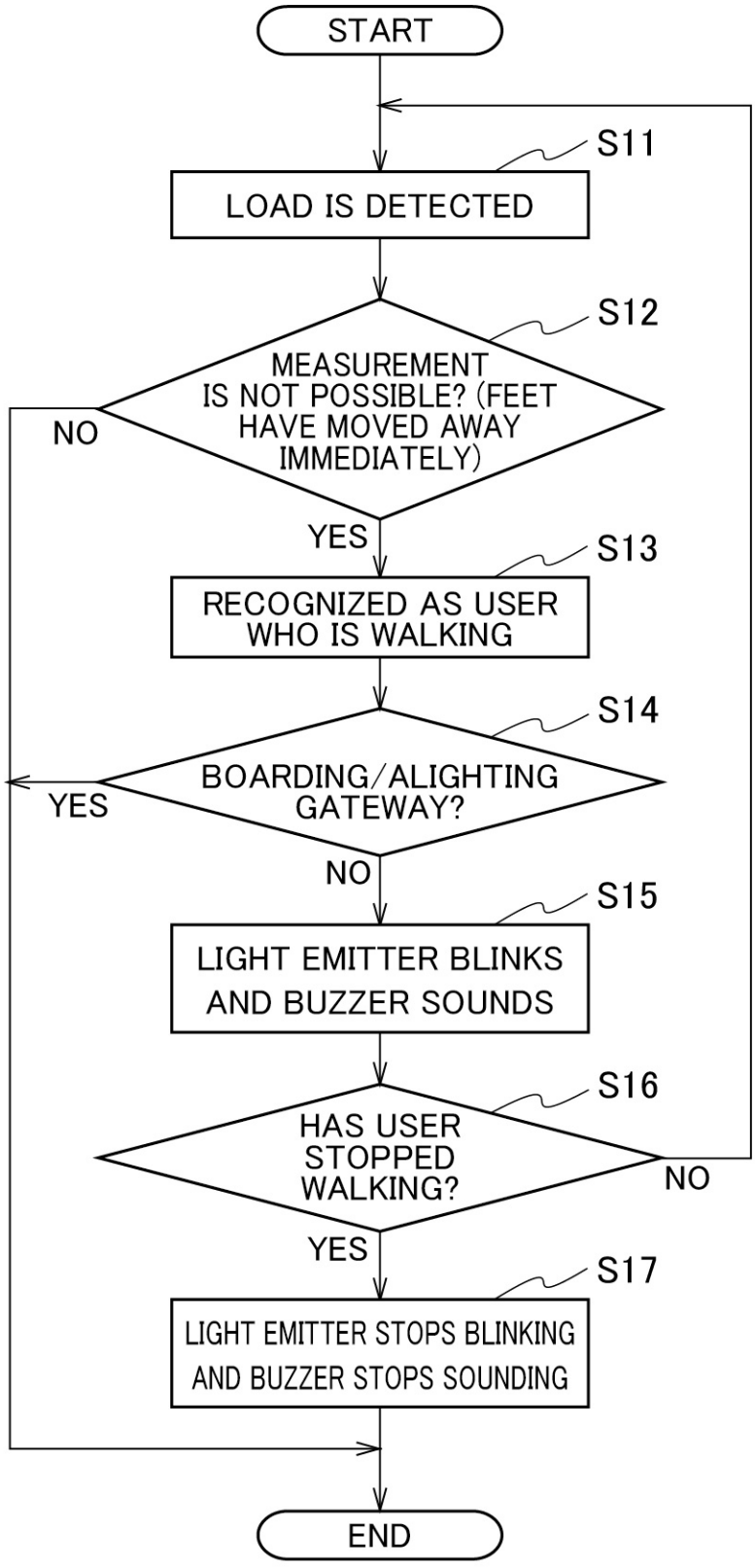

START
S11
LOAD IS DETECTED
S12
MEASUREMENT IS NOT POSSIBLE? (FEET HAVE MOVED AWAY IMMEDIATELY)
NO
YES
S13
RECOGNIZED AS USER WHO IS WALKING
S14
BOARDING/ALIGHTING GATEWAY?
YES
NO
S15
LIGHT EMITTER BLINKS AND BUZZER SOUNDS
S16
HAS USER STOPPED WALKING?
NO
YES
S17
LIGHT EMITTER STOPS BLINKING AND BUZZER STOPS SOUNDING
END

FIG. 6

