a destination floor in advance at an elevator hall. Thus, in case of emergency such as fire, it is difficult that after getting on a car, an operator freely causes a car to move to a desired floor.

## SUMMARY

According to an aspect, there is provided an elevator system comprising: hall destination controllers provided at respective elevator halls at floors and each allowing a user to register a destination floor under normal condition; one or more cars each including specific operation buttons to register a destination floor in case of emergency, which are locked under normal condition; an emergency switch provided at every floor or at least one floor; a car selection unit configured to select, when the emergency switch is operated, an arbitrary one of the one or more cars as an emergency car, and cause the selected car to move to a floor where the emergency switch is operated; an operation control unit configured to release the specific operation buttons in the car selected as the emergency car by the car selection unit, from a locked state of the specific operation buttons; and a drive control unit configured to control an operation of the selected car in accordance with an operation of the specific operation buttons released from the locked state by the operation control unit.

## BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a diagram showing the structure of an elevator hall according to a first embodiment.

FIG. 2 is a diagram showing the structure of the car of an elevator according to the first embodiment.

FIG. 3 is a diagram showing an example of specific operation buttons for a specific person, which are provided at an inspection box provided in the car of the elevator according to the first embodiment.

FIG. 4 is a diagram showing the configuration of an elevator system according to the first embodiment.

FIG. 5 is a diagram showing the functional configuration of a group controller according to the first embodiment.

FIG. 6 is a flowchart illustrating an operation of

WHAT IS CLAIMED IS:

1. An elevator system comprising:

hall destination controllers provided at respective elevator halls at floors and each allowing a user to register a destination floor under normal condition;

one or more cars each including specific operation buttons to register a destination floor in case of emergency, which are locked under normal condition;

an emergency switch provided at every floor or at least one floor;

a car selection unit configured to select, when the emergency switch is operated, an arbitrary one of the one or more cars as an emergency car, and cause the selected car to move to a floor where the emergency switch is operated;

an operation control unit configured to release the specific operation buttons in the car selected as the emergency car by the car selection unit, from a locked state of the specific operation buttons; and

a drive control unit configured to control an operation of the selected car in accordance with an operation of the specific operation buttons released from the locked state by the operation control unit.

2. The elevator system of Claim 1, wherein the operation control unit releases the specific operation buttons from the locked state thereof when a specific operation is performed.

3. The elevator system of Claim 1,

wherein the operation control unit releases the specific operation buttons from the locked state thereof when a specific operation is performed with the hall destination controller provided at one of the floors, where the emergency switch is operated.

4. The elevator system of Claim 2 or 3, wherein the specific operation includes an operation of inputting a passcode.

5. The elevator system of Claim 1, wherein the car selection unit selects a predetermined one of the one or more cars as the emergency car, and selects, if the selected predetermined car is unable to operate, another one of the one or more cars according to a predetermined order.

6. The elevator system of Claim 1, by further comprising an indication unit configured to indicate that the car selected as the emergency car is in emergency operation.