WHAT IS CLAIMED IS:

1. An elevator group controller comprising a plurality of elevators, each comprising a car comprising a front door and a back door, and configured to control the elevators, characterized by comprising:

a management table configured to manage hall calls separately registered in a front hall and a back hall of each floor;

a demand determination unit configured to determine a demand of each floor; and

an assignment controller configured to, when hall calls for a same direction are registered in the management table from the front hall and back hall of a floor, assign both of the hall calls registered in the front hall and back hall to one of the elevators or assign one of the hall calls registered in the front hall and back hall to another one of the elevators, depending on the demand of the floor determined by the demand determination unit.

~~2. The elevator group controller of Claim 1~~, characterized in that

when the floor is a low-demand floor, the assignment controller assigns both of the hall calls registered in the front hall and back hall to one of the elevators, and when the floor is a high-demand floor, the assignment controller assigns one of the hall calls registered in the front hall and back hall

to another one of the elevators.

~~3~~2. The elevator group controller of Claim 1, characterized in that the demand determination unit regularly determines the demand of each floor based on a load change made when each of the elevators responds to the floor.

~~4~~3. The elevator group controller of Claim 1, characterized in that the demand determination unit comprises a learning table obtained by learning the demand of each floor in every time period in advance, and determines the demand of each floor in a current time period by referring to the learning table.

~~5~~4. The elevator group controller of Claim 1, characterized in that the demand determination unit analyses an image of a monitoring camera installed in each of the front hall and the back hall of each floor, and determines the demand of each floor from a result of the analysis.

~~6~~5. The elevator group controller of Claim 1, characterized in that the assignment controller determines, based on a predetermined peak time and off-peak time, that both of the hall calls registered in the front hall and back hall be assigned to one of the elevators or one of the hall calls registered in the front hall and back hall be assigned to another one of the elevators.

~~7~~6. The elevator group controller of Claim ~~6~~5,

characterized in that the assignment controller performs assignment control for the high-demand floor and assigns the hall calls registered in the front hall and back hall to different cars of the elevators in the peak time, and performs assignment control for the low-demand floor and assigns the hall calls registered in the front hall and back hall to one of the elevators in the off-peak time.