CLAIMS

1. An elevator hall apparatus comprising:

a jamb that defines a hall entrance and includes an upper frame provided above the hall entrance;

a hall door panel that opens and closes the hall entrance and forms a narrow portion between the hall door panel and the upper frame;

a header case provided above the hall door panel, the header case forming a backside space that is open to a hoistway between the header case and a hoistway wall, and forming a header space above the hall door panel;

a door rail provided in the header case;

a door hanger via which the hall door panel hangs from the door rail; and

a first opening provided in the upper frame or the header case, wherein

the narrow portion communicates with the backside space via the header space and the first opening,

the first opening is formed in a closed shape in the header case, and

the first opening is positioned in a position lower than the door rail.

~~2. The elevator hall apparatus according to claim 1, wherein an opening area of the first opening is larger than a flow-path area of the narrow portion.~~

~~3. The elevator hall apparatus according to claim 1 or 2, wherein the first opening is formed from a position above a left end of the hall entrance to a position above a right end of the hall entrance in a lateral direction.~~

~~4. The elevator hall apparatus according to any of claims 1 to 3, wherein the first opening is formed in a closed shape in the header case.~~

~~5. The elevator hall apparatus according to claim 4, wherein the first opening is positioned in a position lower than the door rail.~~

2~~6~~. The elevator hall apparatus according to claim 1~~5~~, wherein the first opening is positioned only in the position lower than the door rail.

~~7. The elevator hall apparatus according to claim 4, wherein the first opening is positioned in a position higher than the door rail.~~

3. An elevator hall apparatus comprising:

a jamb that defines a hall entrance and includes an upper frame provided above the hall entrance;

a hall door panel that opens and closes the hall entrance and forms a narrow portion between the hall door panel and the upper frame;

a header case provided above the hall door panel, the header case forming a backside space that is open to a hoistway between the header case and a hoistway wall, and forming a header space above the hall door panel;

a door rail provided in the header case;

a door hanger via which the hall door panel hangs from the door rail; and

a first opening provided in the upper frame or the header case, wherein

the narrow portion communicates with the backside space via the header space and the first opening,

the first opening is formed in a closed shape in the header case, and~~8. The elevator hall apparatus according to claim 4, wherein~~

the first opening includes two first openings formed in the header case, and

one of the first openings is positioned in a position lower than the door rail, and the other of the first openings is positioned in a position higher than the door rail.

4. An elevator hall apparatus comprising:

a jamb that defines a hall entrance and includes an upper frame provided above the hall entrance;

a hall door panel that opens and closes the hall entrance and forms a narrow portion between the hall door panel and the upper frame;

a header case provided above the hall door panel, the header case forming a backside space that is open to a hoistway between the header case and a hoistway wall, and forming a header space above the hall door panel;

a door rail provided in the header case;

a door hanger via which the hall door panel hangs from the door rail; and

a first opening provided in the upper frame or the header case, wherein

the narrow portion communicates with the backside space via the header space and the first opening,

~~9. The elevator hall apparatus according to any of claims 1 to 3, wherein~~ the first opening is formed in a closed shape in the upper frame.

5. An elevator hall apparatus comprising:

a jamb that defines a hall entrance and includes an upper frame provided

above the hall entrance;

a hall door panel that opens and closes the hall entrance and forms a narrow portion between the hall door panel and the upper frame;

a header case provided above the hall door panel, the header case forming a backside space that is open to a hoistway between the header case and a hoistway wall, and forming a header space above the hall door panel;

a door rail provided in the header case;

a door hanger via which the hall door panel hangs from the door rail; and

a first opening provided in the upper frame or the header case, wherein

the narrow portion communicates with the backside space via the header space and the first opening,~~10. The elevator hall apparatus according to any of claims 1 to 3, wherein~~

a lower end of the header case is in contact with an upper end of the upper frame, and

the first opening is formed astride the header case and the upper frame.

6~~2~~. The elevator hall apparatus according to any of claims 1 to 5, wherein an opening area of the first opening is larger than a flow-path area of the narrow portion.

7~~3~~. The elevator hall apparatus according to any of claims 1 to 6~~or 2~~, wherein the first opening is formed from a position above a left end of the hall entrance to a position above a right end of the hall entrance in a lateral direction.

8~~11~~. The elevator hall apparatus according to any of claims 1 to 7~~10~~, further comprising

a header cover that is positioned on the inner side of the hoistway rather than the header case and forms the header space between the header cover and the header case, wherein

a second opening via which the hoistway and the header space communicate with each other is provided between the header cover and the hall door panel.

~~12. An elevator hall apparatus comprising:~~

~~a jamb that defines a hall entrance and includes an upper frame provided above the hall entrance;~~

~~a hall door panel that opens and closes the hall entrance and forms a narrow portion between the hall door panel and the upper frame;~~

~~a header case provided above the hall door panel;~~
~~a door rail provided in the header case;~~
~~a door hanger via which the hall door panel hangs from the door rail; and~~
~~a first opening provided in the header case, wherein~~
~~the header case includes a top board positioned above the door hanger,~~
~~the first opening is formed in the top board, and~~
~~the narrow portion communicates with a space above the top board via the first opening.~~

~~13. The elevator hall apparatus according to claim 12, wherein the header case includes a eave covering the first opening from above.~~

~~14. The elevator hall apparatus according to claim 12 or 13, further comprising~~
~~a header cover that is positioned on the inner side of the hoistway rather than the header case and forms a header space between the header cover and the header case, wherein~~
~~a second opening via which the hoistway and the header space communicate with each other is provided between the header cover and the hall door panel.~~