

CLAIMS

1. An article relay apparatus that is disposed on an outside wall separating an interior and an exterior of a facility and relays an article between the interior of the facility and an operator, the article relay apparatus comprising:

an opening that faces and is open to an operator passage located outside the outside wall;

a placement table that is disposed on a rear side in a depth direction with respect to the opening and on which an article is to be placed;

a first cover disposed in a position that is above the opening and is on a front side in the depth direction with respect to the opening, the first cover serving as a part of the outside wall;

a second cover that is disposed between the first cover and the opening, serves as a part of the outside wall, and has a shape extending toward a rear side in the depth direction as going downward; and

an outside air supplier that is located on the rear side in the depth direction with respect to the opening and supplies outside air outside the outside wall to a rear side in the depth direction of the opening,

wherein an outside air inlet of the outside air supplier is formed in a portion of the second cover.

2. The article relay apparatus according to Claim 1, comprising a movement mechanism that moves the placement table between a first position that is on a front side in the depth direction and a second position that is on a rear side in the depth direction with respect to the first position and is a position in which an article is received from and passed to a transporter disposed in the interior of the facility.

3. The article relay apparatus according to Claim 2, wherein

the first position is a position in which at least part of an article placed on the placement table is on a front-side in the depth direction with respect to a virtual plane that includes an upper end of the opening and is in contact with the second cover, and

the second position is a position that is on a rear side in the depth direction with respect to the first position.

4. The article relay apparatus according to Claim 2 or 3, wherein the first position is a position that is on a rear side in the depth direction with respect to the first cover and is a front side limit position in the depth direction of the movement mechanism.

5. A stocker comprising the article relay apparatus according to any one of Claims 1 to 4.

6. The stocker according to Claim 5, comprising a plurality of shelves on each of which the article is to be placed, the shelves being contained in the stocker, wherein

at least one of the shelves is disposed in a position that is on a rear side in the depth direction with respect to the first cover and is above the placement table.