PASSENGER BOARDING BRIDGE

ABSTRACT

A passenger boarding bridge includes a tunnel unit including a plurality of tunnels that are fitted together in a nested manner, the tunnel unit being extendable and retractable in a front-rear direction. The passenger boarding bridge includes: a first floor member that forms a walkway of an outer tunnel of the tunnels that are adjacent to each other; and a second floor member that forms a walkway of an inner tunnel of the tunnels that are adjacent to each other. The second floor member is configured to slide on a main surface of the first floor member in accordance with extension and retraction of the tunnel unit. The first floor member includes a first fixed floor and a first inclined floor, the first fixed floor being provided parallel to the front-rear direction, the first inclined floor extending from an end of the first fixed floor and being inclined downward. The second floor member includes a second fixed floor and a second inclined floor, the second fixed floor being provided parallel to the front-rear direction, the second inclined floor extending from an end of the second fixed floor and being inclined downward. The second floor member is provided with a support member that supports the second inclined floor on the main surface of the first floor member. At least a portion of the second inclined floor is configured as a first swingable portion that is rotatable relative to the second fixed floor side of the second inclined floor about a first shaft extending in a width direction of the second inclined floor, and a distal-end-side portion of the first swingable portion is configured as a second swingable portion that is rotatable relative to a proximal portion of the first swingable portion about a second shaft extending in a width direction of the first swingable portion.

Figure 3