Description

Title of Invention: CONTAINER-SECURING DEVICE

Technical Field

[0001] The present invention relates to a container-securing device capable of fixing containers that are stacked on top of each other.

Background Art

[0002] Patent Literature 1 discloses a container-securing device having a bifurcated convex structure including: a flange portion located outside a slot of a corner fitting of a container; a support portion provided on the flange portion and configured to fit into a long hole-shaped opening of the slot; and a fitting portion provided on the support portion and configured to fit into a cavity of the slot. The fitting portion is provided with a contact portion that does not contact the center side of the long hole-shaped opening in a longitudinal direction, but contacts each end side in the longitudinal direction.

[0003] Furthermore, this Patent Literature 1 discloses that a container fixed state is formed with the flange portion contacting an outer surface portion of the corner fitting and a movable protrusion contacting a back corner portion located at a back side of the opening during a rotation operation, and thus it becomes possible to stack many containers by reducing the gap between the movable protrusion and the slot.

[0004] In addition, Patent Literature 2 discloses a container-securing device including: a flange portion located outside a slot of a corner fitting of a container; a support portion provided on the flange portion; a fitting portion provided on the support portion and configured to fit into the slot of the corner fitting; a movable protrusion that forms a part of the fitting portion and forms a container fixed state in