[Patent Document 1] Japanese Laid-open Patent Publication No. 2013-218437

[Patent Document 2] Japanese Laid-open Patent Publication No. 2010-140142

[Patent Document 3] Japanese Laid-open Patent Publication No. 2012-164282

SUMMARY OF THE INVENTION

[0006]

Incidentally, in order to smoothly perform the checkout for a large number of purchasers, it is desirable to install as many checkout devices, for example, semi-self-registers or cash registers as possible in a shop, for allowing checkout as much as possible in parallel.

A limited space in the store, however, limits the number of installable checkout devices.

[0007]

Embodiments of the present invention provide a checkout unit assembly allowing for more checkout in parallel in a limited installation space, and a base for such a checkout unit assembly.

[0008]

According to a first aspect of the present invention, there is provided a checkout unit assembly including: a first checkout unit and a second checkout unit each having a user interface portion at one side portion, wherein the first checkout unit is disposed above the second checkout unit such that the first checkout unit and the second checkout unit overlap when seen in a plan view, and the user interface

portion of the first checkout unit and the user interface portion of the second checkout unit are disposed on different side surfaces.

[0009]

According to a second aspect of the present invention, there is provided a base for a checkout unit assembly, wherein a first checkout unit and a second checkout unit each having a user interface portion at one side portion are to be mounted on the base, the base including: an insertion hole to insert each of the first checkout unit and the second checkout unit, the insertion hole being formed on each of a plurality of side surfaces of the base, wherein, as the first checkout unit is inserted into the insertion hole on one side surface of the base and the second checkout unit is inserted into the insertion hole of another side surface of the base, the first checkout unit and the second checkout unit overlap when seen in a plan view, the first checkout unit is disposed above the second checkout unit, and the user interface portion of the first checkout unit and the user interface portion of the second checkout unit are disposed on different side surfaces of the base.

[0010]

According to embodiments of the present invention, more checkout can be performed in parallel in a limited installation space.

Also, a checkout unit assembly to allow for more checkout in parallel in a limited installation space can be assembled with ease.

BRIEF DESCRIPTION OF THE DRAWINGS

[0011]

The above-described aspects, features, and advantages will become more apparent from preferred embodiments which will be described below, and the accompanying drawings attached thereto.

[0012]

FIG. 1 is a perspective view of a checkout unit assembly according to a first embodiment.

FIG. 2 is a side view of the checkout unit assembly as viewed from a direction of an arrow A of FIG. 1.

FIG. 3 is a side view of the checkout unit assembly as viewed from a direction of an arrow B of FIG. 1.

FIG. 4 is a side view of the checkout unit assembly as viewed from a direction of an arrow C of FIG. 1.

FIG. 5 is a side view of the checkout unit assembly as viewed from a direction of an arrow D of FIG. 1.

FIG. 6 is a plan view of the checkout unit assembly according to the first embodiment.

FIG. 7 is a schematic perspective view showing the disposition of a first checkout unit and a second checkout unit in the checkout unit assembly according to the first embodiment.

FIG. 8 is a perspective view of a base for a checkout unit assembly according to the first embodiment.

FIG. 9 is a schematic plan view for describing an example of use of the checkout unit assembly according to the first embodiment.