

Nov. 18, 1930.

D. A. LAGASSÉ

1,782,307

GRATE ATTACHMENT

Filed March 28, 1927

Fig. 1.

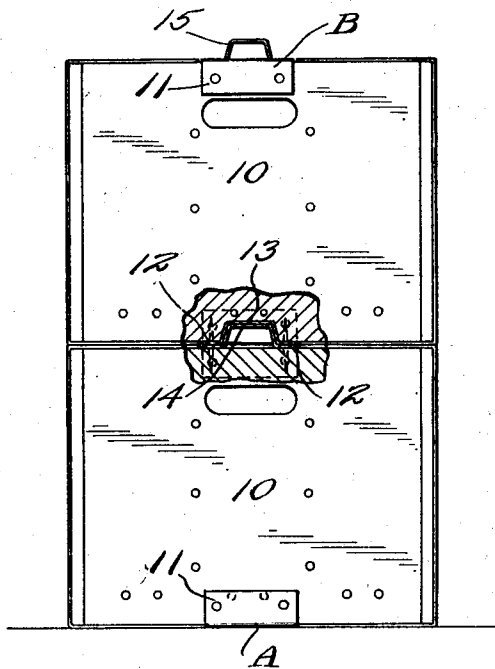


Fig. 2.

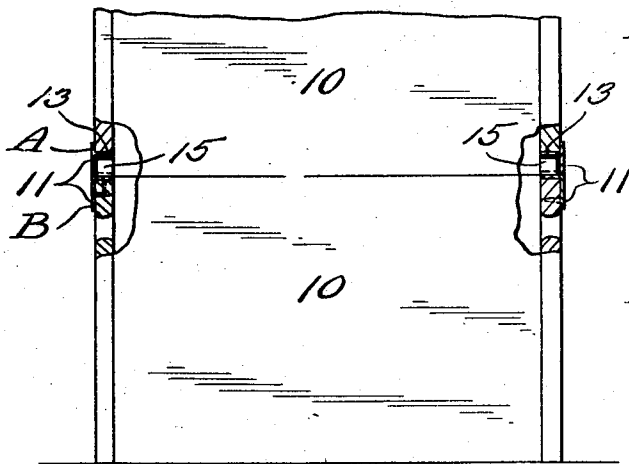
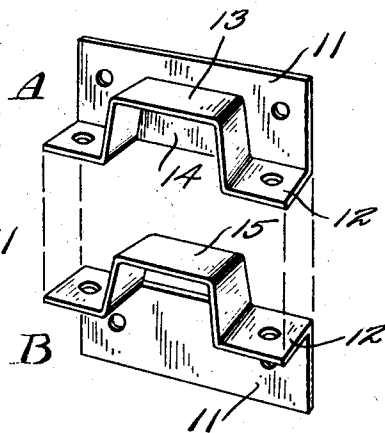


Fig. 3.



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WITNESS:

UNITED STATES PATENT OFFICE

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CRATE ATTACHMENT

Application filed March 28, 1927. Serial No. 179,040.

This invention relates to improvements in crates or containers.

An object of the present invention is to provide means whereby a plurality of crates or containers may be stacked one upon the other and held against accidental relative movement.

Another object of the invention is the provision of means of the above character which will eliminate undue wear upon the crates; the said means being of a simple and durable character and capable of being readily attached.

With the above and other objects in view, the invention further includes the following novel features and details of construction, to be hereinafter more fully described, illustrated in the accompanying drawings and pointed out in the appended claim.

In the drawings:—

Figure 1 is an elevation partly broken away showing a pair of crates in stacked relation with the present invention in use.

Figure 2 is a side view partly broken away.

Figure 3 is a detail perspective view of two of the interlocking plates shown in separated relation.

Referring to the drawings in detail, the reference character 10 designates a pair of crates of the type usually employed for receiving bottled milk or other bottled goods and while the invention is shown as applied to crates of this character, it is of course obvious that it may be applied to various types of crates or containers.

The invention which is secured to opposite edges of the crates is in the form of angle plates, the latter including a base or attaching plate 11 and a right angularly disposed flange 12. This flange is offset and as shown in Figure 3 the flanges 12 of adjacent plates are reversely offset. For example the plate A which may be termed the recessed or socketed plate has the offset portion 13 of the flange 12 located adjacent the base plate 11 so that the socket or recess 14 is provided. The plate B has its flange 12 offset in an opposite direction with respect to its base plate 11 and provides an extension or projection

15 of a shape and size to enter the recess or socket 14. The plates are secured to the edges of the crate, the edges to which the plate A is attached being recessed to receive the offset portion 13 as shown in Figures 1 and 2 of the drawings, while the base plates and their flanges 12 form wear plates to prevent undue wear of the edges of the crates.

The crates may be arranged in stacked relation, being easily removed and replaced and securely held against accidental relative movement.

The invention is susceptible of various changes in its form, proportions and minor details of construction and the right is herein reserved to make such changes as properly fall within the scope of the appended claim.

Having described the invention what is claimed is:—

The combination with a container having recesses at opposite ends, plates secured to the ends of the container, certain of said plates forming one wall of the recesses, flanges extending at right angles from the edges of the plates, and offset portions provided in the intermediate portions of the flanges, the offset portions of certain of the plate flanges extending into the recesses and the offset portions of the other plate flanges being adapted to be received within the offset portions of the first referred to flanges of another receptacle.

In testimony whereof I affix my signature.
DELPHIS A. LAGASSÉ.

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