Aug. 22, 1933. C. R. HELT 1,923,089

TODDY MIXER PACKAGE

Filed Aug. 21, 1930

Fig. 1.

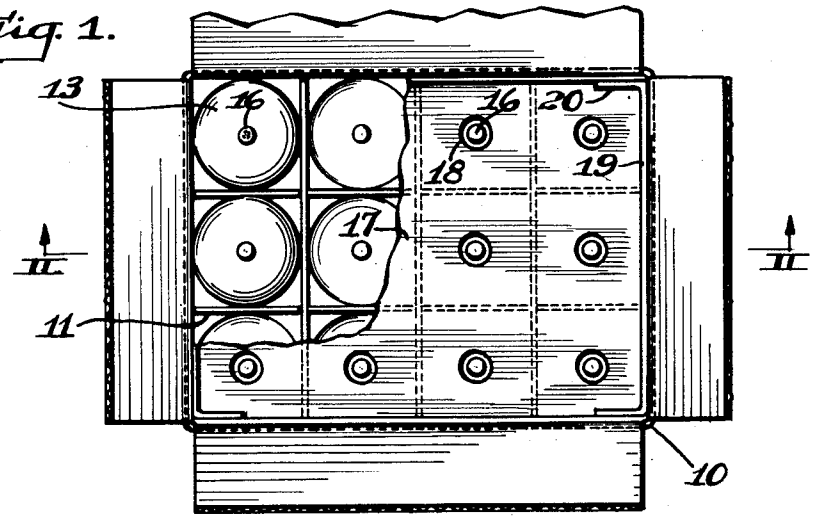


Fig. 2.

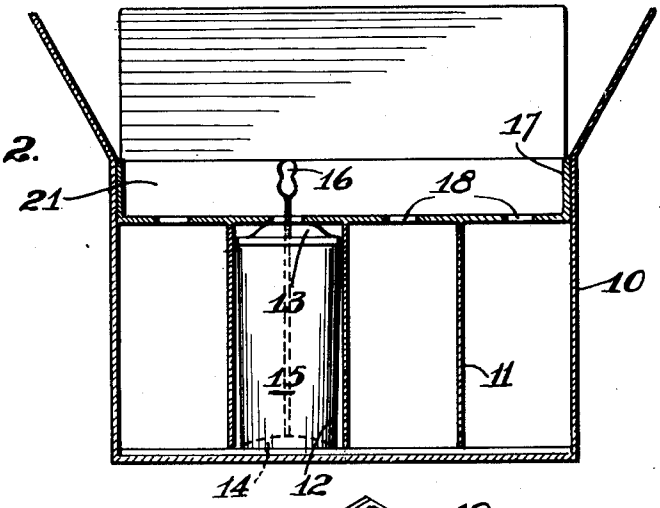
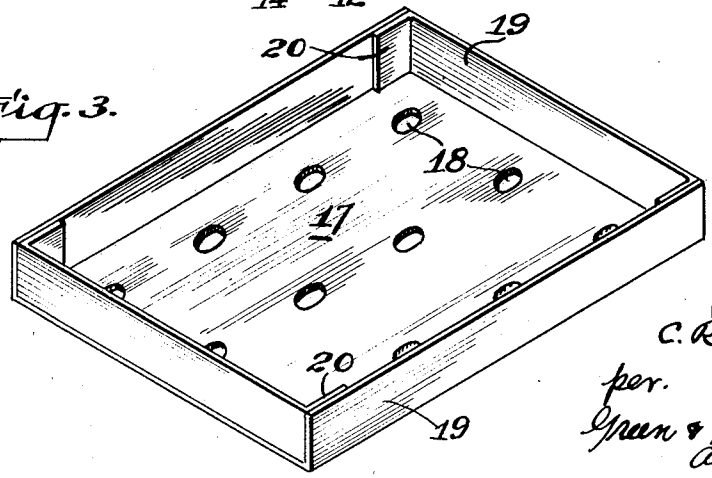


Fig. 3.



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TODDY MIXER PACKAGE

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2 Claims. (Cl. 206—46)

This is an invention in a method of packing toddy mixers or other similar or suitable articles of such nature.

Difficulty has been experienced in packing toddy containers in particular so as to prevent any great percentage of breakage in transit. There are two particular difficulties which hitherto have not been satisfactorily overcome, the first of which is the frangible nature of the body of the mixer and the second being the existence of a projecting portion. As previously packed, either the frangible body portion of the mixer was too often broken or the protruding portion was bent or otherwise damaged, thus rendering the mixer useless. This all, of course, added to the ultimate cost of the toddy mixer.

One of the objects of my invention is to pack toddy mixers in a simple yet safe and accessible manner.

Another object is to pack toddy mixers so as to reduce damage to the parts to an irreducible minimum.

A further object is to pack toddy mixers in individual protective chambers held in place by an immobilizing member which is so constructed so to permit projecting portions of the toddy mixer to pass therethrough.

A still further object is to pack toddy mixers so that each toddy mixer is immobilized in a protective chamber by an element designed to serve such purposes and which is so constructed as to fit snugly within a protective enclosure for a plurality of toddy mixers and which is provided with apertures to permit protruding portions of the toddy mixers to pass therethrough, the whole being then covered or otherwise enclosed.

I have illustrated a shipping container which permits the fulfillment of this invention and as shown therein:

Figure 1 is a plan view of such a container with a portion of the immobilizing element broken away.

Fig. 2 is a cross section on the line II—II of Fig. 1; and

Fig. 3 is a perspective view of the immobilizing element per se.

In the various figures of the drawing similar numerals denote corresponding parts.

First referring to the structure illustrated, there is provided a shipping container or protective enclosure 10 of suitable corrugated board construction or the like and provided in the usual manner with four sides, a bottom and enclosing flaps.

In the protective enclosure 10 the compartmenting member 11 is placed which divides the enclosure into a number of individual protective chambers as in the well known "egg box" construction. This compartmenting member may be formed of suitable material which may be similar to that of the protective enclosure itself.

A toddy mixer, which is particularly adapted for packing in the enclosure illustrated, consists of a frangible body portion 12 which may be a measuring glass or the like provided with a suitable metallic top 13 and with a mixing member consisting of a lowermost perforated plate 14, a metallic rod or stem 15 attached thereto and a handle member 16. These members are all of a nature as to be damaged by careless packing or handling and hence require special and careful packaging.

One of these complete toddy mixers, as is indicated in the drawing, is placed in each protective chamber, and, in the instance shown, and as is most usual, space for a dozen mixers is provided, although, of course, the container can hold any number from one up and the various elements of the package may be suitably proportioned therefor.

An immobilizing element 17 is then placed within the protective enclosure and this element is constructed as shown in Fig. 3. It comprises a plane surface portion provided with a plurality of apertures 18 so located as to be centrally disposed with respect to each protective chamber although, of course, it is understood that if the protruding member of the toddy mixer is not centrally disposed the apertures in the immobilizing element may be correspondingly decentered. The element has, as shown, four upstanding walls 19, each having a bent-in flap portion 20 which may be left in loose association, or which, if desired, or preferred, may be glued, stapled, or otherwise suitably secured to adjacent wall 19. The size of the element is such as to fit snugly and closely within the wall of the protective enclosure which takes the position shown in Fig. 2 with the plane portion resting against the covers 13 of the mixers holding them in place and the handle portions 16 and part of stems 15 projecting through the apertures up to approximately the level of the top of the container, there being formed for such purposes by the construction of the immobilizing element the chamber 21 therefor. The flaps or enclosing covers of the container are then put in place and they rest upon the tops of the handles thus maintaining the three parts of the mixer in relatively immovable

association with each other and with the container.

I have, therefor, provided a new method of packing toddy mixers which obviates all the difficulties hitherto met with and accepted and which provides an efficient, safe, and simple container permitting transportation to an unlimited extent without the slightest damage to the contents.

Besides the variations and modifications indicated above it is clear that I may adapt the container and hence the method of packing to any similar article in which the same problems are present and by properly proportioning and contouring the various members an extremely efficient method of packing is invariably provided.

What I claim as new and desire to secure by Letters Patent is:

1. A shipping container for transporting toddy mixers and the like comprising a protective enclosure having covering flaps at its upper edges, a compartmenting element in said enclosure providing a snug compartment for each of a plurality of toddy mixers and extending vertically from which are handle portions of such toddy mixers, a pan-shaped protective removable immobilizing element having a plane bottom resting on said toddy mixers and upstanding walls terminating flush with the protective enclosure and having apertures registering with the handle portions aforesaid and through which said handles project, said handles extending to the plane of the upper edge of said container, said covering flaps when in covering position resting on the tops of said handles immobilizing the same and completing the enclosure, the arrangement being such that a chamber is provided for said handles and the completely closed container immobilizing the toddy mixer parts with respect to the container and each other.

2. A shipping container for transporting toddy mixers and the like comprising a protective enclosure having covering flaps at its upper edges, compartmenting means in said enclosure providing a compartment of a size to receive each of a plurality of toddy mixers from which toddy mixer handles thereof extend vertically to the plane of the upper edges of said enclosure, a tray-shaped protective removable immobilizing element having a plane bottom resting on the toddy mixers and upstanding side walls terminating flush with the upper edges of the protective enclosure and apertures registering with the handle portions aforesaid and through which said handles project, said covering flaps when in covering position resting on the tops of said handles immobilizing the same and completing the enclosure, the construction and arrangement being such that a chamber is provided for said handles and the completely closed container immobilizing the toddy mixer parts with respect to the container and each other.

CLARENCE R. HELT.