I. McINTYRE.

CASING FOR BOTTLES.

APPLICATION FILED FEB. 20, 1917.

1,241,640. Patented Oct. 2, 1917.

Fig. 1.

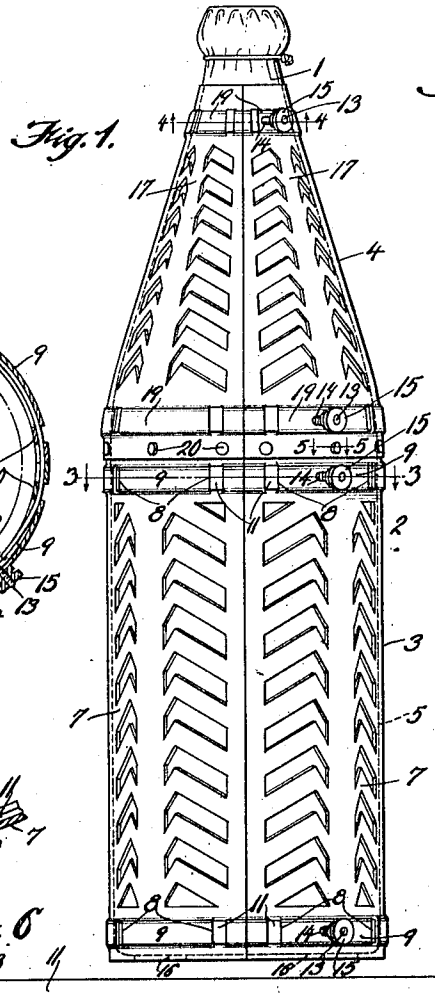


Fig. 4.



Fig. 2.

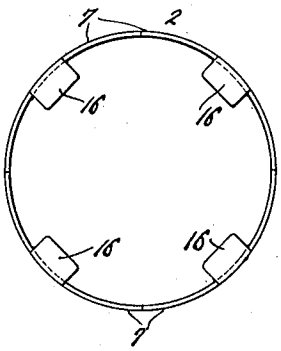


Fig. 3.

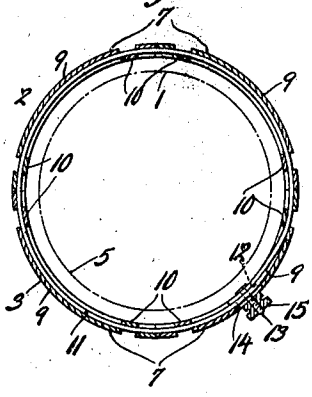


Fig. 9.

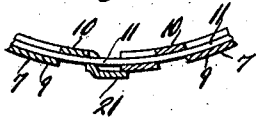


Fig. 5.



Fig. 6

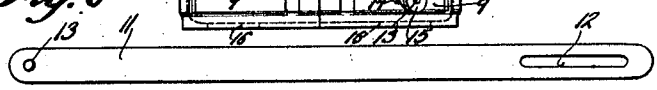


Fig. 7.

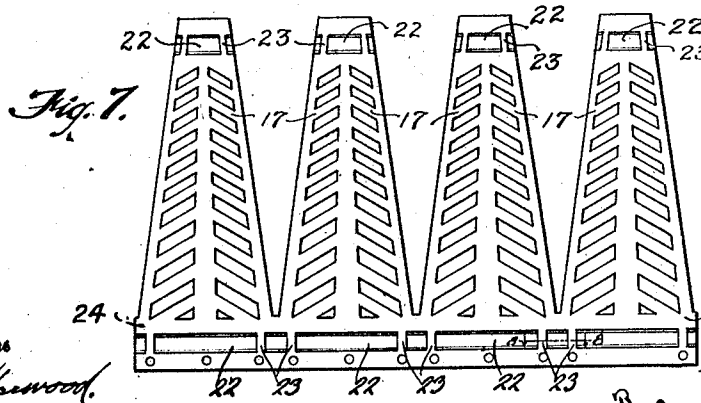
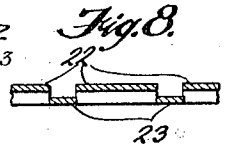


Fig. 8.



Witnesses

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UNITED STATES PATENT OFFICE.

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CASING FOR BOTTLES.

1,241,640. Specification of Letters Patent. Patented Oct. 2, 1917.

Application filed February 20, 1917. Serial No. 149,757.

To all whom it may concern:

Be it known that I, ISABELLA McINTYRE, a citizen of the United States, residing at Bryn Mawr, in the county of Montgomery and State of Pennsylvania, have invented certain new and useful Improvements in Casings for Bottles, of which the following is a specification.

My invention consists of an improved casing for bottles, one of the objects of my invention being to provide a casing for wine or other bottles which are served upon the table and to so make the casing that it can be readily adjusted to fit around bottles of various sizes.

Another object is to so construct my improved casing that it will be ornamental and can be quickly or easily attached to or detached from a bottle.

A still further object is to so make my invention that it will be durable and can be manufactured at a reasonably low cost.

These objects, and other advantageous ends which will be described hereinafter, I attain in the following manner, reference being had to the accompanying drawings in which—

Figure 1 is an elevation of a bottle having my improved casing thereon.

Fig. 2 is an inverted plan view of Fig. 1.

Fig. 3 is a section on the line 3—3 of Fig. 1.

Fig. 4 is a section on the line 4—4 of Fig. 1.

Fig. 5 is an enlarged fragmentary section on the line 5—5 of Fig. 1.

Fig. 6 is a face view of a flexible band forming a part of my invention.

Fig. 7 is an elevation showing a modified form of a portion of my invention.

Fig. 8 is an enlarged fragmentary section on the line 8—8 of Fig. 7, and

Fig. 9 is a fragmentary section showing a slight modification in the form of my invention illustrated in Figs. 1 to 6 inclusive.

Referring to the drawings, 1 represents a bottle and 2 represents my improved casing attached thereto. I preferably form my improved casing of two series of plate sections 3 and 4, the series 3 being designed to cover the main or body portion 5 of the bottle, while the series 4 covers the neck portion 6. The series 3 as illustrated, includes four sections 7 which are curved in cross section as clearly illustrated in Fig. 3.

Each of these sections, adjacent its top and bottom edges, is slit or cut at 8, the portions 9 between these cuttings being pressed outwardly, while the intermediate portions 10 between these cuttings are pressed rearwardly, thus providing sockets to receive flexible bands 11, the sockets providing a guide-way for said bands and serving to retain them in their position encircling the sections 7.

In other words, the bands 11 are laced through the sockets thus provided, and serve to hold the sections 7 to the body portion 5 of the bottle in a manner which will now be described in detail.

The bands 11 are preferably made of flexible sheet metal having a slot 12 adjacent one end and extending longitudinally thereof. A screw 13 is secured to the band 11 adjacent its other end, and when the band is in its operative position, the screw 13 extends through the slot 12.

One of the portions 9 at the top and bottom of the sections 7 is also slotted as shown at 14, and the screws 13 are designed to extend outwardly through these slots 14 (see Figs. 1 and 3). Small thumb nuts 15 are provided to clamp the ends of the bands 11 together and to the sections 7.

Each of the sections 7, at its lowermost end, is provided with an inturned flap 16, and these flaps are arranged radially as shown in Fig. 2 and form feet upon which the bottom of the bottle rests. These feet also serve to retain the bottle within the casing.

The series 4 of my improved casing sections includes a number of sections 17 (see Figs. 1 and 4), these sections being curved in cross section and tapering in width from their lower edges to their upper edges. Furthermore, these sections are also cut or slit adjacent their tops and bottoms in a manner similar to the slitting 8 described above, and socket portions 18 and 19 are thus formed through which the bands 11 are laced.

The lower edges of the sections 17 telescope the upper edges of the sections 7, and snap buttons 20 serve to secure the sections 17 to the sections 7 (see Figs. 1 and 5). It will be noted that the bands 11 permit adjustment of the sections 7 and 17 so that if the bottle to be incased is of larger diameter than the normal diameter of the casing, such for example as is illustrated in Fig. 1, the thumb nuts 15 may be unscrewed and the

ends of the bands can then be moved relatively to each other to increase the diameter of the band and to permit the sections to spread to accommodate the larger diameter of the bottle.

In Fig. 9, I have shown an overlapping flange 21 which may be formed on one edge of each of the sections, so that the sections may be spread without exposing a portion of the bottle between the spread edges of the sections as would be the case in the construction shown in Fig. 1 where the free edges of the sections normally abut and when applied to a bottle of larger diameter, these edges are necessarily spread apart.

Instead of having all of the sections separated as illustrated in Figs. 1, 2, and 3, I may make the sections as illustrated in Figs. 7 and 8 in which all the sections are included in a single piece of sheet material 24, sockets 22 and 23 being formed therein and designed to receive the bands 11.

The sections of my improved casing may be made of silver and ornamental designs may be formed therein by the perforation of the individual sections, the perforations also permitting view of the contents of the bottle.

To remove my improved casing from the bottle, it is merely necessary to loosen the nuts 15 to permit the sections to spread, and the sections of the upper and lower series may be separated by unfastening the snap buttons 20. The upper series may then be slid upwardly over the neck of the bottle and the lower series can be removed from the bottom portion of the bottle.

While I have described my invention as taking a particular form, it will be understood that the various parts of my invention may be changed without departing from the spirit thereof, and hence I do not limit myself to the precise construction set forth, but consider that I am at liberty to make such changes and alterations as fairly come within the scope of the appended claims.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

1. A bottle casing formed in two series of sections, one series encircling the bottom portion of the bottle, the sections of the other of said series tapering upwardly and encircling the neck portion of the bottle, means for adjustably securing the sections of each series together, and means for securing the sections of one series to the sections of the other series, said casing forming a complete closure for the bottle, substantially as described.

2. A bottle casing comprising sections of sheet material designed to inclose the bottle, sockets formed by projections on said sections, flexible bands extending through said sockets and designed to hold said sections to the bottle, and thumb nuts for adjusting the length of said bands to accommodate said sections to bottles of various diameters, said casing forming a complete closure for the bottle, substantially as described.

3. A bottle casing comprising two series of separated sections, one series encircling the bottom portion of the bottle, the other of said series encircling the neck portion of the bottle, means for adjustably securing the sections of each series together, and means for securing the sections of one series to the sections of the other series, said casing forming a complete closure for the bottle, substantially as described.

4. A bottle casing comprising two separate series of sections, one series encircling the bottom portion of the bottle, the other of said series encircling the neck portion of the bottle, means for adjustably securing the sections of each series together, and means for securing the sections of one series to the sections of the other series, the bottoms of the sections of the first-mentioned series having lips designed to extend across the bottom of the bottle and upon which the bottle rests, said casing forming a complete closure for the bottle, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ISABELLA McINTYRE.

Witnesses:
E. P. ALLEN,
CHAS. E. POTTS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."