Sept. 12, 1933. H. H. MONK 1,926,299

CARTON

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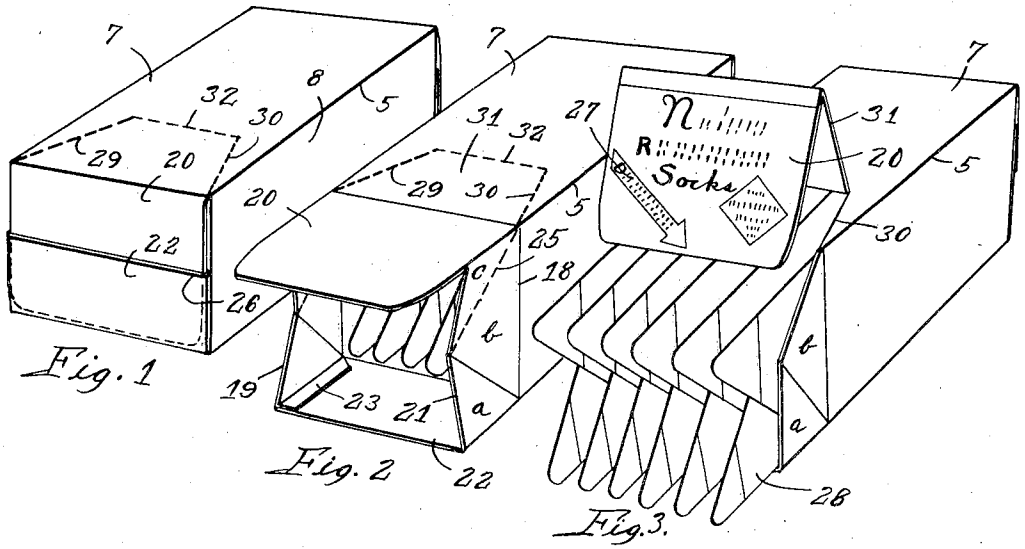


Fig. 1

Fig. 2

Fig. 3.

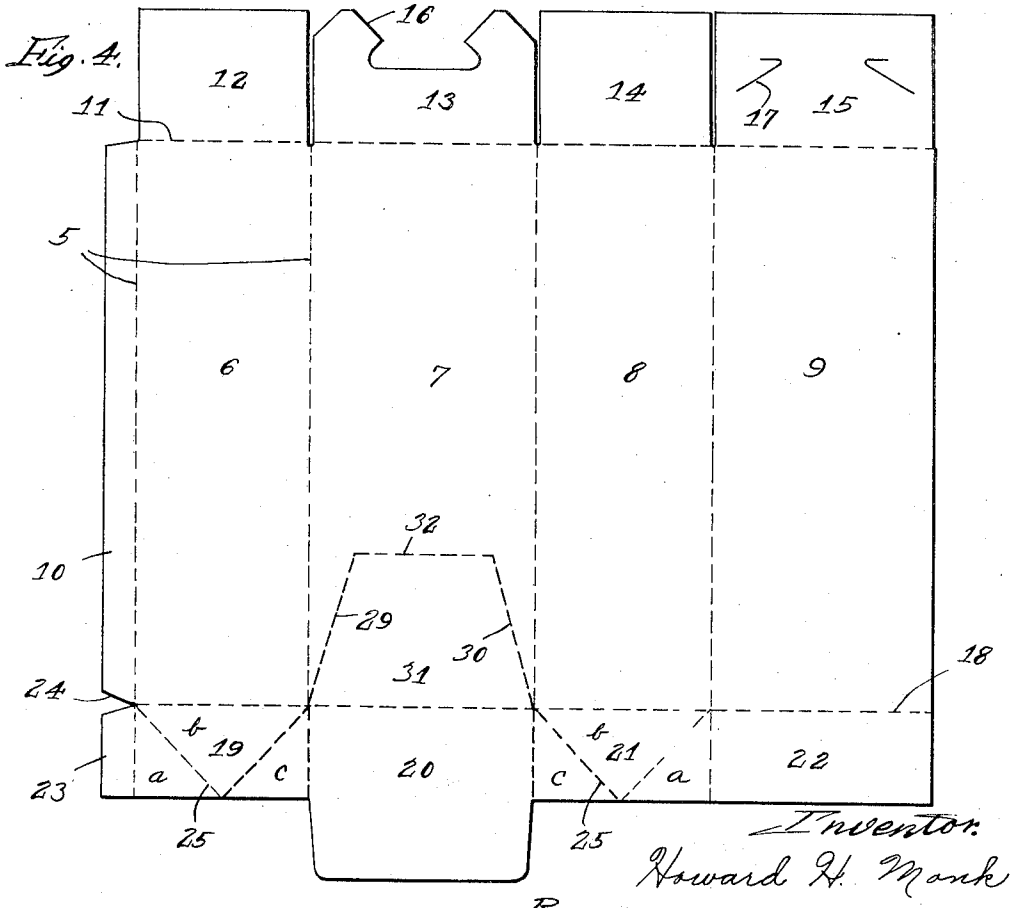


Fig. 4.

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CARTON

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4 Claims. (Cl. 206—44)

This invention relates to a new and improved carton adapted for use in connection with hosiery and similar merchandise, both for shipment and display purposes.

The principal object of my invention is to provide a carton having a foldable bellows end which is adapted to be folded so that a flap forming part of the end can be entered therein to close the carton securely enough for shipment while still allowing the same to be opened easily by the merchant, one of the side walls of the carton being perforated inwardly from the flap to permit bending up a portion of the wall to serve as a prop for the flap which is adapted to rest on top of the merchandise in the carton and to have suitable advertising matter thereon pertaining to the merchandise.

In the drawing illustrating the invention—

Figure 1 is a perspective view of a carton made in accordance with my invention showing the bellows end closed, as in shipment;

Fig. 2 is a similar view showing the bellows end open;

Fig. 3 is another similar view showing how the flap forming part of the bellows end is used for display purposes, and

Fig. 4 is a view of the blank from which the carton is made.

The blank for the carton is suitably scored lengthwise along parallel lines, as indicated at 5, to provide panels 6 to 9 to form the four sides of the carton, and an edge portion 10 contiguous with panel 6 to overlap the edge of panel 9 and be glued thereto. The blank is also scored crosswise of one end, as indicated at 11, and cut along the lines 5 so as to form flaps 12 to 15. The flaps 12 and 14 overlap one another when folded inwardly from opposite sides of the carton, and the flap 13 has tongues 16 formed thereon to enter slots 17 cut in the flap 15 so that these flaps, when folded in from the other opposite sides of the carton, can be interlocked in a well known manner to seal the one end of the carton. My invention is particularly concerned with the construction of the other end of the carton.

The other end of the blank is scored crosswise in parallelism with the scoring 11, as at 18, and end flaps 19 to 22 are marked off in the end portion of the blank by continuing the scoring along the lines 5, as shown. A small tab 23 is formed contiguous with the edge of the flap 19 by reason of the notch 24, and this tab is arranged to overlap the edge of the flap 22 and be glued thereto. The flaps 19 and 21 are scored in the form of a V, as at 25, to mark off the triangles *a*, *b* and *c*, thus permitting the flaps 19 and 21 to be folded in from the opposite sides toward each other, as a bellows, thereby defining a pocket between the flap 22 and the portions *a* of the flaps 19 and 21, as indicated at 26 in Figure 1, to receive the flap 20. In this way, the carton is closed securely enough for shipping purposes while permitting the merchant who receives the carton to open this end of the carton more readily than the other end so as to take advantage of the display feature which I will now describe.

The flap 20 has advertising matter printed thereon or applied thereto, as indicated at 27, pertaining to the merchandise 28 in the carton, which in the present case happens to be socks. It is desired to use the carton for display purposes on the counters, shelves, or in display windows, and to have the advertising matter on the flap stand out as prominently as possible so as to attract the prospective customer's attention to the merchandise. With that object in view, the end of the panel 7 is perforated along the converging lines 29 and 30 extending inwardly from the edges of the flap 20, thus permitting one to cut or tear the material of the carton, first along the lines 5 to the inner end of the flap 20 and then along the lines 29 and 30, and then to bend up the end portion 31 of the panel along a line 32 scored in parallelism with the line 18. In that way, the flap 20 is propped by the portion 31 as it rests on top of the merchandise in the carton, the latter being pulled out of the end of the carton to a certain extent, as shown, for the purpose of better displaying the same. The triangular portions *c* of the flaps 21 are either cut off or folded in out of the way. They are cut away as the carton appears in Fig. 3.

It will appear from the foregoing description that I have provided a carton of extremely simple and economical construction and one which, in addition to serving the purpose of a shipping container, presents such a neat and attractive appearance when opened and prepared for display purposes, that the sale of the merchandise contained therein is greatly promoted thereby. The merchandise is kept neatly arranged instead of being stacked in piles which present an untidy appearance. The carton with the bellows end is just as durable as cartons of other construction, so far as assuring a safe shipment of the merchandise is concerned. Perforating along converging lines 29 and 30, instead of along the lines 5, avoids the danger of weakening the carton or losing rigidity, and it has been found in practice that the carton remains unbroken in shipment,

even though the perforations are such as to make it a rather easy matter to tear or cut the carton as heretofore described to prepare it for display purposes.

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

1. A carton comprising four side panels, and end flaps constituting continuations of said panels, there being creases formed in two opposed flaps to permit folding the same inwardly, and the other two opposed flaps therewith, to close the end of the carton, one of the other two flaps being elongated to provide a retaining end portion to keep the folded end closed, the elongated flap being further adapted to serve as a display sign for advertising the merchandise in the carton when the end is open and the merchandise pulled out so as to be exposed to view, said elongated end flap being separable at its lateral edges from the contiguous end flaps, and a prop for said flap formed by an end portion of the panel contiguous with said flap, bent outwardly from the plane of said panel, said prop serving to support the flap in a position resting on top of the merchandise for display purposes, the end of the panel contiguous with said flap being provided with perforations extending inwardly from the end of the panel in converging lines, for the purpose described.

2. A carton as set forth in claim 1 wherein the end of the panel contiguous with the elongated end flap is scored crosswise in parallelism with the end of the panel at the inner ends of said converging lines, so as to define the bending line for the prop.

3. In a carton, the combination of a side panel, an end flap constituting a continuation of said panel and adapted to serve as a display sign when properly disposed in a raised position with relation to the carton, and a prop for said flap formed by an end portion of the panel bent outwardly from the plane of said panel to support the flap in a raised position for display purposes, the panel being provided with perforations extending inwardly from the end of the panel in converging lines for the purpose described.

4. In a carton, the combination of a side panel, an end flap constituting a continuation of said panel and adapted to serve as a display sign when properly disposed in a raised position with relation to the carton, and a prop for said flap formed by an end portion of the panel bent outwardly from the plane of said panel to support the flap in a raised position for display purposes, the panel being provided with perforations extending inwardly from the end of the panel in converging lines for the purpose described, said panel being scored crosswise substantially in parallelism with the end of the panel at the inner ends of the converging lines, so as to define the bending line for the prop.

HOWARD H. MONK.