Nov. 17, 1931. U. PUYUELO 1,832,735

TOOTHPICK CONTAINER AND DISPENSER

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Fig. 1.

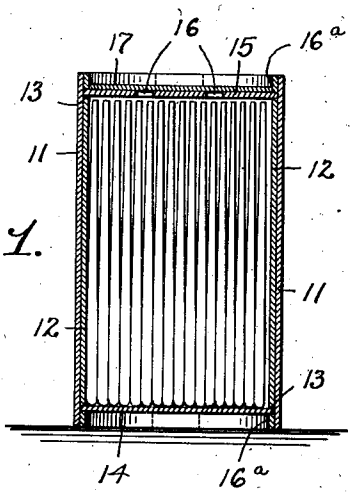


Fig. 2.

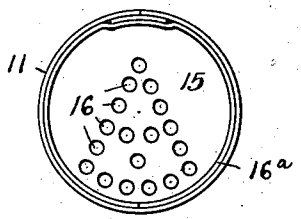


Fig. 3.

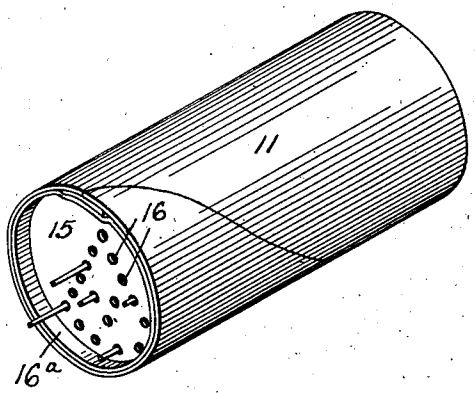
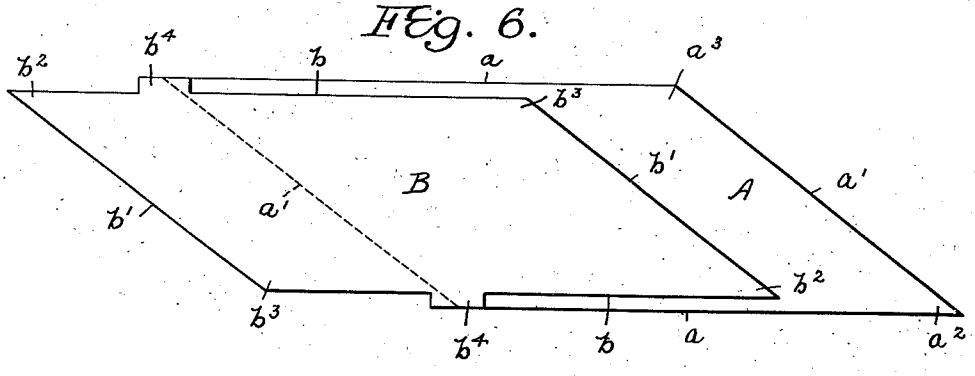


Fig. 6.



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TOOTHPICK CONTAINER AND DISPENSER

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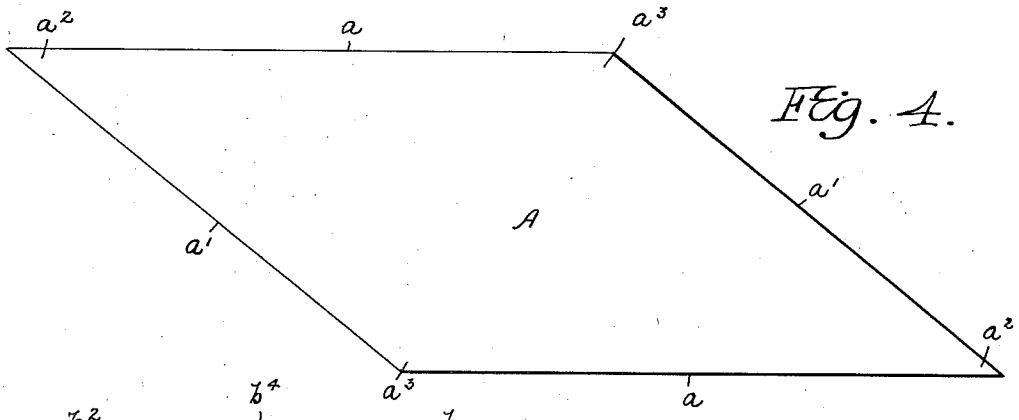


Fig. 4.

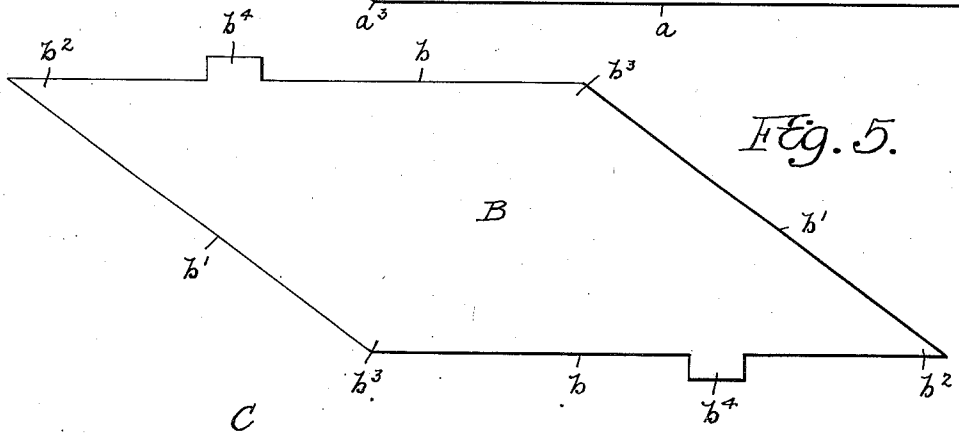


Fig. 5.

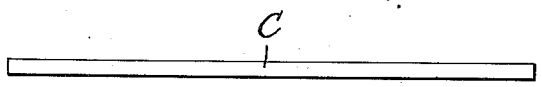


Fig. 7.

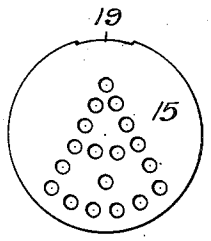


Fig. 8.

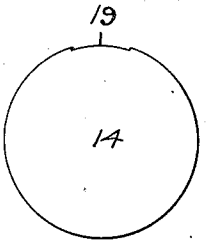


Fig. 9

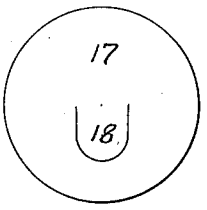


Fig. 10.

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UNITED STATES PATENT OFFICE

URBAN PUYUELO, OF ROCK SPRINGS, WYOMING

TOOTHPICK CONTAINER AND DISPENSER

Application filed July 14, 1930. Serial No. 467,935.

This invention relates to containers and to the method of making the same, an object being to provide a container which is especially designed for holding and dispensing toothpicks, so that the latter may be put up in packages for sale and removed therefrom by the user without being handled by others, so that the toothpicks will be kept in a sanitary condition.

Another object of the invention is the provision of novel means for making the container, which will provide a cheap and strong article, within which toothpicks may be packed for sale and from which they may be singly removed for use.

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 a sectional view of the invention with the protecting disk in place.

Figure 2 is a top plan view with the disk removed.

Figure 3 is a perspective view illustrating the manner of removing the toothpicks.

Figure 4 is a plan view of one of the blanks from which the container is made.

Figure 5 is a similar view of the other blanks.

Figure 6 is a plan view illustrating the manner of associating the blanks in the formation of the container.

Figure 7 is a plan view of one of the blanks from which the retaining rings are made.

Figure 8 is a plan view of the perforated container head.

Figure 9 is a like view of the imperforate head.

Figure 10 is a plan view of the protecting disk.

Referring to the drawings in detail wherein like characters of reference denote corresponding parts, the invention as shown comprises a cylindrical container which is formed of an outer cylindrical wall 11 and an inner cylindrical wall 12 so that the container which is provided with walls of double thickness, may be made of relatively light material.

The inner cylindrical wall 12 has its ends terminating short of the outer wall so as to provide annular shoulders 13, and positioned against these shoulders are heads 14 and 15, the latter being provided with perforations 16. The height of the container is such as to accommodate the usual wooden toothpick, and the size of the openings 16 is such as to permit of the free passage of toothpicks therethrough.

The heads 14 and 15 are held against the shoulders 13 by means of retaining rings 16^a which are arranged within the ends of the outer wall 11. A protecting disk 17 is positioned over the perforated head 15 and is removably held in place, preferably by frictional contact of its edges with the retaining ring.

The toothpicks are put up in the containers for sale, the protecting disk 17 remaining in place until the toothpicks are to be used. The disk 17 may then be readily removed through the medium of the finger piece 18, which is struck from the disk. By slightly tilting the container as shown in Figure 3, one or more of the toothpicks will be partially projected through the openings 16. One of the toothpicks may be withdrawn, while the remaining toothpicks will return to their original positions within the container when the latter is returned to a vertical position.

As previously stated, the container may be made of relatively thin material and yet provide a strong and durable container for the purpose intended. To accomplish this the container is made of a pair of blanks A and B. These blanks have their longitudinal edges a and b parallel while their transverse edges a' and b' are inclined so as to provide acute angular corners a^2 and b^2 and obtuse angular corners a^3 and b^3 at opposite ends of the blanks A and B respectively. The width of the blank B is slightly less than the width of the blank A as clearly shown in Figure 6 of the drawings, and the blank B is secured upon the blank A with the corners a^2 and a^3 arranged

approximately central of the length of the projections b^4 which extend from the edges b of the blank B. The projections b^4 have their outer edges flush with the edges a of the blank A.

After being attached in the manner described and shown in Figure 6 of the drawings, the blanks are shaped to provide a cylinder with the inclined edges a' and the inclined edges b' abutting, the ends of the blanks overlapping one another and being suitably secured together. The projections b^4 provide reinforcements for the corners a^2 and a^3 and prevent these corners from curling, and when the blanks are arranged in cylindrical form, all of the corners of the blank A will meet at these projections. The heads 14 and 15 are positioned against the shoulders 13 as previously described, these shoulders being formed by the edges b of the blank B while the extended edges a of the blank A receive the retaining rings 16^a which are formed from a blank C, shown in Figure 7 of the drawings.

The heads 14 and 15 are notched as shown at 19 for the accommodation of the projections b^4.

The protecting disk 17 may be, and preferably is, formed of a suitable transparent material.

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 herein described method of making a container consisting of providing a pair of blanks of flexible material having parallel longitudinal edges and inclined transverse edges defining acute obtuse angles at the corners of said blanks, one of said blanks being of less width than the other and having relatively offset projections extending from its longitudinal edges, attaching the smaller blank upon the larger one with the angular corners at one end of the latter registering with the approximate centers of the projections and the outer edges of the latter flush with the outer edges of the larger blank, arranging the blanks to provide a cylinder with the inclined edges of the blanks abutting and the ends of each blank overlapping one another, and securing heads in the ends of the cylinder upon shoulders provided by the smaller blank.

In testimony whereof I affix my signature.

URBAN PUYUELO.