

Jan. 26, 1926.

1,570,682

F. R. KLING

CARDBOARD BOX FOR MEN'S HATS

Filed June 10, 1925

Fig. 1.

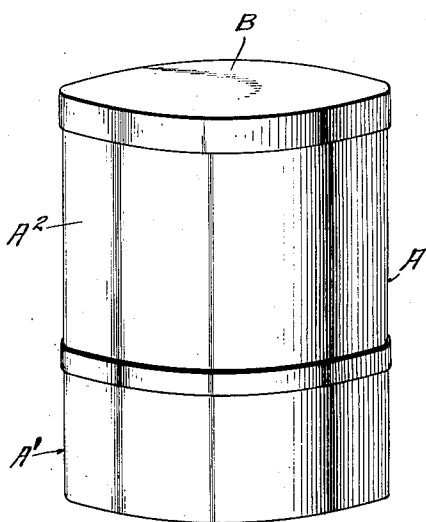


Fig. 2.

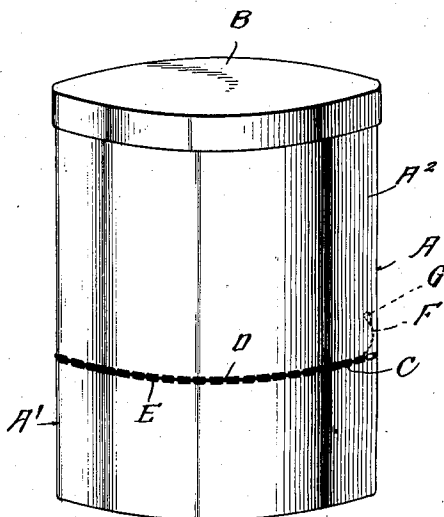
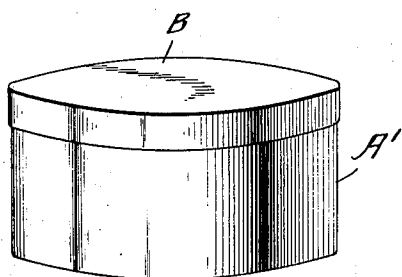


Fig. 3.



Witnesses:

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Patented Jan. 26, 1926.

1,570,682

UNITED STATES PATENT OFFICE.

FERDINAND R. KLING, OF NEW YORK, N. Y.

CARDBOARD BOX FOR MEN'S HATS.

Application filed June 10, 1925. Serial No. 38,220.

To all whom it may concern:

Be it known that I, FERDINAND R. KLING, a citizen of the United States of America, and a resident of New York city, county of New York, and State of New York, have invented a new and useful Improvement in Cardboard Boxes for Men's Hats, of which the following is a specification.

My invention relates to improvement in men's hat boxes as a combination, large or wholesale men's hat box and single sized hat box.

The object of the invention is to construct a box which may be utilized in the following manner: At the present time in the wholesale men's hat business the shipping of hats is made by placing three men's hats in a large circular cardboard box, which is the custom of the men's hat trade. The large circular hat box, as aforesaid, containing the three men's hats is thus received by the retailer who preserves the three hats in the said large circular box until the hats are sold. As each hat is sold by the retailer the customer requires a small single sized men's hat box as a container therefor and which the retailer must have on hand for such purpose. The retailer now tries to discourage the giving of a hat box due to the fact that it will cost him (the retailer) about twenty cents extra to deliver a hat in a single hat box, while with this device he can use the stock box, which he otherwise would throw away, as reduced to a single hat box and deliver to the customer a box at no extra cost to him. When the third or last hat of each box is sold, the said large circular box at the present time becomes useless, in view of its large size, as aforementioned, and ordinarily is thrown away or discarded. These large boxes actually cost the wholesaler about twenty cents each, so that if the large boxes can be utilized after the sale of the said three hats from each box, this will economize the hat business both from the wholesaler as well as from the retailer's standpoint.

The average hatter is crowded for room and at the present time the single boxes which he carries occupy much valuable space due to their bulky form. The present device eliminates at least one-third of the space now necessary for the keeping of single boxes, as the large hat boxes when reduced take the place of the single boxes, as hereinafter explained.

The present invention refers to a means whereby the box after it has served its purpose as a container for the three hats originally shipped in it, is proportionately reduced to a single sized men's hat box which result is accomplished in the manner hereinafter explained:

The box is constructed to a height sufficient to contain the three hats as shipped by the wholesaler, as aforesaid; it consists essentially of a cardboard box, as aforesaid, having perforated incisions in the wall thereof circumferentially arranged in the large hat box at the height of a regular single size men's hat box and having immediately over the said perforated incisions and on the outside of the cardboard box a thin wire, one end of said wire being drawn through one of the perforated incisions and is left free and loose, so that a pulling of the said wire will sever the upper portion of the wall of the box above the perforation from the portion of the box below said perforation, thereby proportionately reducing the said large box to a single sized men's hat box, the cover of the large box likewise fitting the box as reduced. The perforation and wire are completely covered by a thin paper secured to the outside of the box which prevents dust penetrating to the interior of the said box.

Figure 1 is a general perspective view of the said large box with cover thereon, and provided with a thin sheet of paper or other suitable material, secured to the outside wall of the box above the perforation and wire.

Figure 2 is a similar view of the large box showing the perforated incisions and wire, before applying or securing the thin paper to the outside of the box.

Figure 3 is a perspective view of the said box as reduced to a single sized men's hat box.

In the drawing like letters of reference indicate corresponding parts in each figure.

A represents the wall of the box, composed of A¹ the lower portion thereof and A² the upper portion of the box.

B represents the cover of the box A which can be fitted on the large box as in Figure 1, and likewise on the box as reduced and as shown in Figure 3.

C represents the perforations formed in the wall of the box at the height of a single sized men's hat box each perforation being separated by a thin narrow portion D.

E represents the thin wire applied to the outside of the box A immediately over the said perforations C and portions D and the end F of said wire E drawn through one of the perforations C and left free and loose in the interior of the box covered with a small label or paster, so that a pulling of the said wire E by means of holding and pulling the end F thereof will sever the upper portion A² of the box A from lower portion A¹ thereof, thereby proportionately reducing the height of the wall of the large box A to a single sized men's hat box A¹. This box as thus reduced to a single sized men's hat box may then be used as such and when fitted with the original cover B is practically and actually a single sized men's hat box and can be delivered to the customer with the sale of the third or last hat of the box. This will be a saving of the cost of a single sized men's hat box on each third hat to be sold.

The end F of the wire E may be provided with a knob G so that the end F of the wire E may be held firmly and the pulling may be effected with ease.

The improved boxes may be economically manufactured in that the perforation in the

boxes and the placing of the wire may be easily performed with practically the same machinery as used in making the present boxes.

What I claim is—

A large circular cardboard box provided with perforations in and around the wall of the box at a distance from the bottom of the box equal to one-third the height of the box dividing the wall into detachable sections, a wire secured immediately over the said perforations on the outside of the box, and a thin sheet of paper pasted on the outside of the said box over the perforations and wire, the end of said wire drawn through one of the perforations and left free and loose in the said box and provided with a knob at the end of said wire, whereby when the knob at the end of said wire is pulled the portion of the box above the perforations is severed from the portion below the same, the box is reduced to a size equal to one-third the height of the large box as and for the purpose specified.

In testimony whereof, I affix my signature this 8th day of June, 1925.

FERDINAND R. KLING.