

March 29, 1932.

S. H. STERN

1,851,217

HAT BOX AND METHOD OF CONSTRUCTING THE SAME

Filed March 5, 1929

2 Sheets-Sheet 1

FIG. 1.

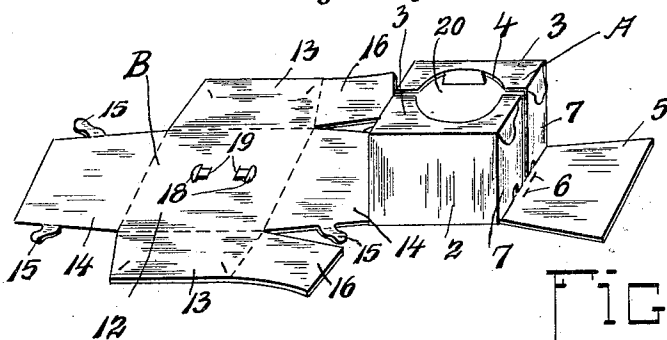
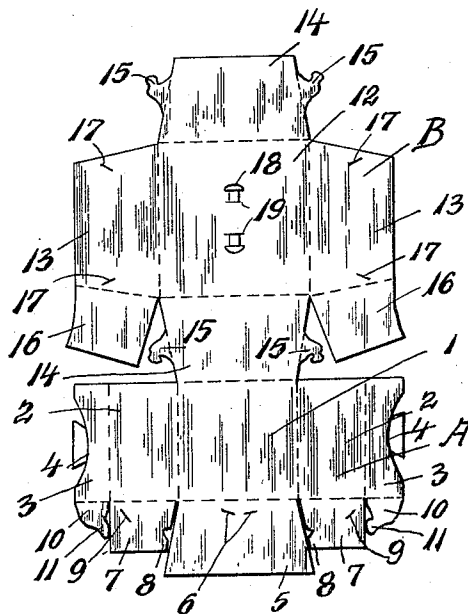


FIG. 2.

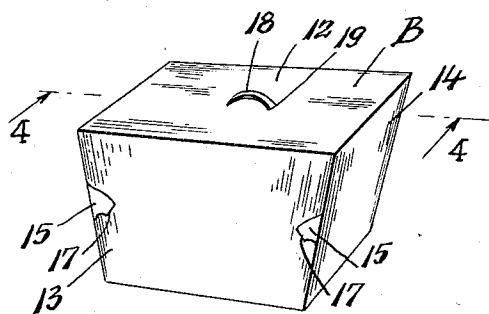


FIG. 3.

INVENTOR

S. H. Stern.

BY

Robert Robb

ATTORNEYS.

March 29, 1932.

S. H. STERN

1,851,217

HAT BOX AND METHOD OF CONSTRUCTING THE SAME

Filed March 5, 1929

2 Sheets-Sheet 2

FIG. 4.

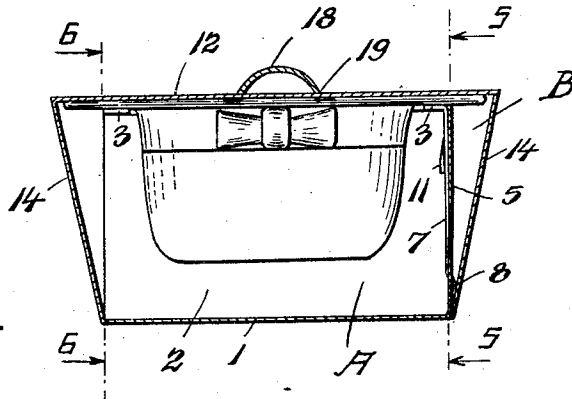


FIG. 5.

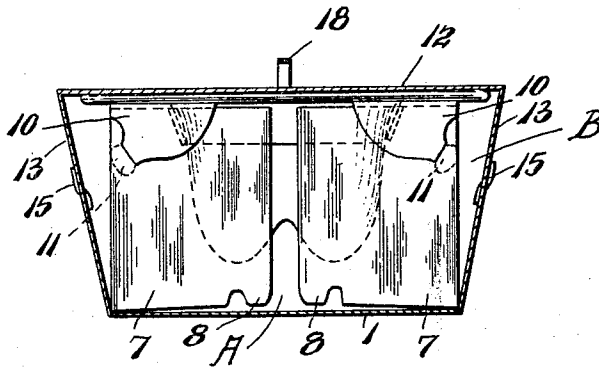
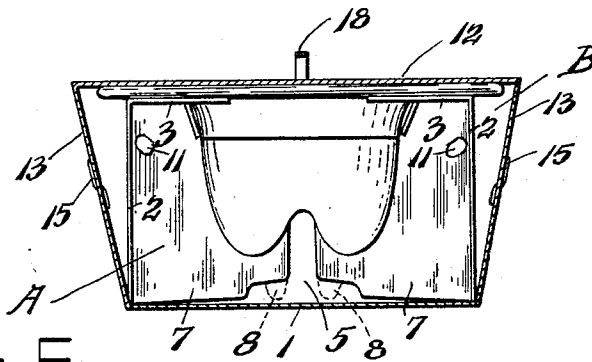


FIG. 6.



INVENTOR

S. H. Stern.

BY

Robert Cobb

ATTORNEYS

UNITED STATES PATENT OFFICE

SIDNEY H. STERN, OF CLEVELAND, OHIO

HAT BOX AND METHOD OF CONSTRUCTING THE SAME

Application filed March 5, 1929. Serial No. 344,396.

Hat boxes constructed from cardboard or the like have been objectionable in that the hats placed therein were not securely held in place.

One object of my invention, therefore, is to provide a hat box constructed in such a manner that a hat placed in the hat box will be prevented from moving in any direction.

It is a further object of my invention to make the hat box from a single piece of cardboard, or the like, the cardboard being scored in the proper places so as to permit ready folding thereof.

To be more specific, an object of my invention is to provide a box with means for supporting a hat by its brim in an inverted position with a free space about the crown, and further means for holding the hat brim against the supporting means.

In carrying out my invention, I avail of a double box construction built around a single bottom, the inner box having a hole in its cover for receiving the crown of a hat and the cover means of the second box clamping against the brim for holding the hat in position.

A further object of my invention is to provide means which will cooperate with the brim holding means for preventing movement of the hat in the box. To be more specific, the brim supporting means has downwardly extending lugs integral therewith, these lugs being adapted to grip the crown of a hat thereby preventing sidewise motion of the hat.

It is also notable that these downwardly disposed lugs may be availed of to hold a brimless hat in position in the box.

Another feature of my invention is the process of making a hat box wherein a part of the box is first constructed and a hat placed therein; after the hat is placed in the partially constructed box, the remainder of the box is assembled in such a manner as to clamp the hat in position.

Other objects and advantages will in part become apparent and in part be hereinafter stated as the description of the invention proceeds.

For a full and more complete understand-

ing of the invention, reference may be had to the following description and accompanying drawings in which

Figure 1 is a plan view of the blank showing the manner of cutting and scoring.

Figure 2 is a perspective view showing the inner box in assembled position.

Figure 3 is a perspective view of the box ready for use.

Figure 4 is a sectional view taken about on the line 4-4 of Figure 3 showing the clamping action of the cover upon the hat brim.

Figure 5 is a view taken about on the line 5-5 of Figure 4, and

Figure 6 is a view similar to Figure 5, taken about on the line 6-6 of Figure 4, and clearly shows the free space about the hat crown.

While a specific embodiment of my invention is herein set forth, it is to be understood that I am to be limited only as set forth in the appended claims.

A hat box made in accordance with my invention is cut from a single piece of cardboard, or the like, substantially as shown in Figure 1, and comprises an inner box member A and an outer box member B, both of which box members have a common bottom or base 1. The bottom 1 has side members 2 integral therewith and outwardly disposed at opposite sides therefrom. The members 2 are substantially rectangular in shape, one of the longer sides of the members being integral with the bottom 1 and the other side having an extension 3 with a curved outer edge as shown at 4. Extending from the curved edges 4 of the extension 3 are lugs or tabs 4' the use of which will be explained as the description proceeds.

Another side member 5 of the inner box A is disposed from the third side of the bottom 1. This side member 5 is also integral with and extends from the bottom 1 and is of trapezoidal shape with the shorter base adjacent to said bottom 1. Slots 6 are provided in the side member 5 for reasons to be hereinafter set forth.

The side members 2 have end portions 7 extending in the same direction as the side member 5, said portions 7 being provided with lugs 8 and slots 9. End portions 10 also

extend from the members 3 in a manner similar to the end portions 7, and are provided with lugs 11.

The outer box B comprises a cover member 12 that is substantially square and has side members 13 and 14 extending from the sides thereof. One of the side members 14 is connected to the fourth side of the bottom 1 thereby connecting the inner box A to the outer box B. Both of the side members 14 have outstanding lugs 15 for reasons to be herein-after described.

The side members 13 extend from the member 12 in a manner similar to the member 2 from the bottom 1, and are provided with slots 17 and foldable end portions 16. If it is desired, a handle 18 may be inserted into the cover 12 by means of slots 19.

Referring now to Figure 2, the box is assembled in the following manner. The side members 2 are folded upwardly forming two sides of the inner box, the extensions 3 of the members 2 are folded over and form a third side of the inner box, and the slots 9 receive the lugs 11 of the parts 10, thereby holding the aforementioned members in their proper position. The member 5 is also folded upwardly and acts as a reinforcement or stiffener for the side composed of the members 7, the slots 6 being adapted to receive the lugs 8 thereby further adding to the rigidity of the structure.

The box is now ready to receive a hat, which is placed in an inverted position with the brim resting on the members 2 and the crown extending between the lugs 4' and into the box A. After the hat is placed in position, the members forming the outer box B are folded into position as clearly shown in Figure 3, the lugs 15 being received by the slots 17 to hold the completed box in its assembled position.

Referring to Figures 4, 5 and 6, it will be noticed that the crown of the hat does not touch the sides of the box and that the supporting is done by the brim which is held in position by the clamping action of the cover 12 of the outer box B when in assembled position, and the lugs 4' pressing against the base of the crown.

At this time, it is desired to again point out that a brimless hat such as worn by women, could be held in position by the downwardly extending lugs 4'.

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

1. A device of the class described, comprising, a hat box having side walls, means in the hat box spaced from its walls for supporting a hat by its brim alone, and further means carried by the hat box for clamping the hat brim to the supporting means, the last means being integral with the supporting means in the box.

2. A hat box of the class described, comprising, in combination, a bottom member, side members extending from the bottom member, supporting members extending from a plurality of the side members, a cover member extending from one of the side members, and other side members extending from the cover member.

3. A hat box of the class described, comprising, in combination, box members included one within another, the inner of said box members having an opening therein adapted to receive the crown of a hat, the opening projecting up from the bottom of the other box member, and the said other box member clamping against the brim of the hat in position in the first box member.

4. A hat box of the class described, comprising, in combination, a bottom member, side members extending from the bottom member, supporting members extending from a plurality of the side members, hat positioning members extending from some of the supporting members, a cover member extending from one of the side members, other side members extending from the cover member, and tabs and recesses carried by the side members.

5. A hat box of the class described, comprising, an inner box member and an outer box member, formed from a single piece of material, the outer box member foldable to enclose and hold a hat in clamped position on the inner box member.

In testimony whereof I affix my signature.
SIDNEY H. STERN.