3 Sheets—Sheet 1.

F. JINKINS.

Hat-Box.

No. 209,691. **Patented Nov. 5, 1878.**

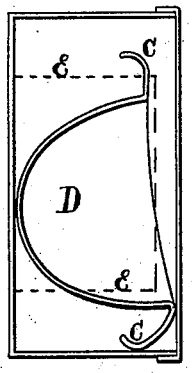
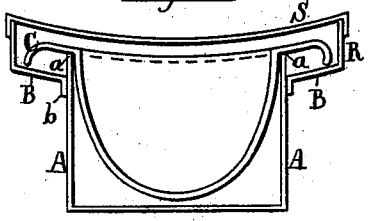


Fig. 1.

Fig. 2.



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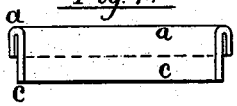


Fig. 3.

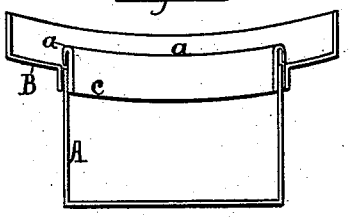


Fig. 6.

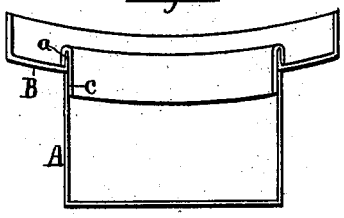


Fig. 5

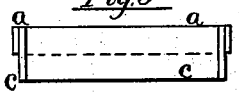


Fig. 7.

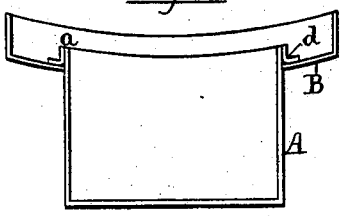
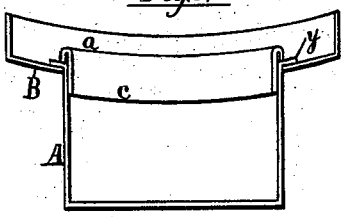


Fig. 8.



Attest:

J. F. Bird Jr

W. Littell

Inventor:

F. Jinkins, per

Thos. S. Crane, Atty.

3 Sheets—Sheet 2.

F. JINKINS.
Hat-Box.

No. 209,691. Patented Nov. 5, 1878.

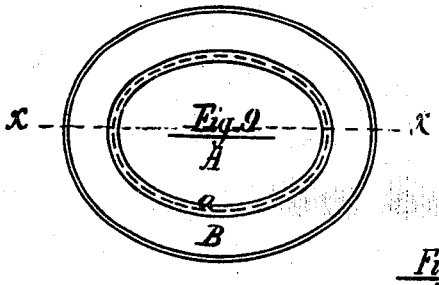


Fig. 9

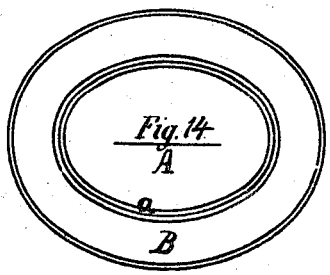


Fig. 14

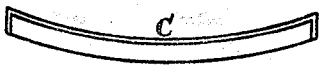


Fig. 13

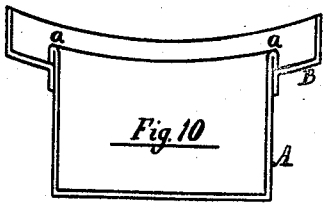


Fig. 10

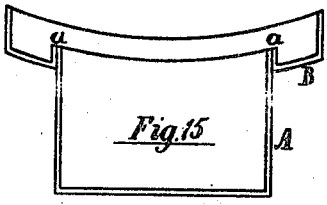


Fig. 15

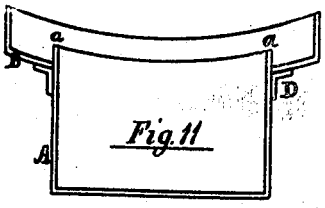


Fig. 11

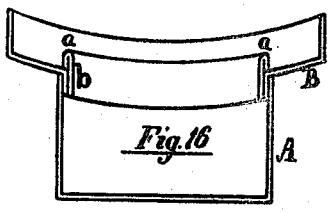


Fig. 16

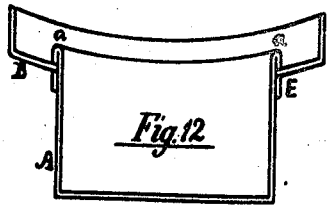


Fig. 12

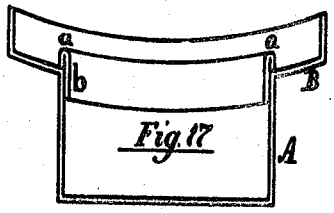


Fig. 17

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J. F. Bird Jr

Inventor.

Frederick Jinkins per

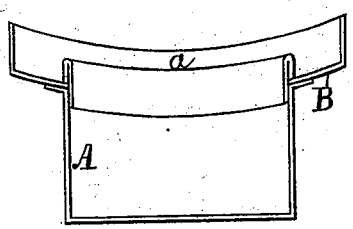
Thos. S. Crane Atty.

3 Sheets—Sheet 3.

F. JINKINS.
Hat-Box.

No. 209,691. Patented Nov. 5, 1878.

Fig. 18.



Attest.

J. F. Bird Jr

I. V. Littell

Inventor.

Frederic Jinkins, per

Thos. S. Crane, Atty.

UNITED STATES PATENT OFFICE.

FREDERIC JINKINS, OF ORANGE, NEW JERSEY.

IMPROVEMENT IN HAT-BOXES.

Specification forming part of Letters Patent No. **209,691**, dated November 5, 1878; application filed February 21, 1878.

To all whom it may concern:

Be it known that I, FREDERIC JINKINS, of Orange, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Hat-Boxes, which improvement is fully set forth in the following specification and accompanying drawing.

My invention relates to certain improvements in a hat-box heretofore patented by me; and the object of my invention is to provide a hat-box in which neither brim nor crown shall receive any damage from concussions with the package in which the hat-boxes are transported, or from lying in one position a long time, as in overland rail transportation.

Figure 1 shows, in section, the shape of the hat-box in which soft hats are commonly packed, and the effect produced upon the hat if the package is left lying so that the hat lies for some time upon its side, as shown. The brim C of the hat D is pressed out of shape, so as to frequently require refinishing, when the hat lies in such a position on long journeys or sea voyages. A stay, E, has often been used to support the hat; but as it consists merely of a loose cylindrical piece of pasteboard it has no attachment to the box, and does not furnish much support to the hat. I, therefore, employ the hat-box shaped as shown in section in Fig. 2, wherein a soft hat, with curled brim C, can be packed and transported in any position without any chance of being displaced or deformed by its weight or the handling of the package. This view, like Figs. 2, 3, 6, 7, 8, 10, 11, 12, 13, 15, 16, 17, and 18, is a longitudinal vertical section, taken on the line *x x* in Fig. 9, through the middle of the hat-box. Figs. 9 and 14 are plans, respectively, of Figs. 10 and 15.

I am aware that the general shape of such hat-boxes, in which the body A conforms in size nearly to the crown of the hat, and the flange B, with its rim R and cover S, to the size of the brim C, is not entirely new; but my invention consists in constructing the body, or an attachment thereto, so as to lift the brim of the hat clear of the flange B by a raised seat, *a*, which may be made a part of the body or flange in constructing new boxes, or a separate attachment, to be applied at will, to any hat-boxes of the shape just described.

In Fig. 2 the body A is shown projecting upward through the flange B, to form the seat *a*, and the flange is bent downward, to be secured to the body A with paste or glue, in the usual manner, as at *b*.

In Fig. 3 the flange is shown bent downward, and A inserted inside of it, the seat *a* being provided by the insertion of a loose collar, constructed in any manner so that it will partly project above B, as described above. Such a collar, *a a*, is shown detached in Figs. 4 and 5, the raised seat being seen at *a*, and the part designed to slip into the body A at *c*.

To secure the requisite projection above the body at *a*, the collar may be turned over, as in Fig. 4, or a band of the requisite width be secured around the top of *a*, as in Fig. 5. The whole may be papered in keeping with the finish of the hat-box to which it is to be applied.

In Fig. 6 the collar *a c* is shown as serving to bind the flange B to the body A, the flange being turned upward and inserted inside the turned-over edge of the collar at *a*, the body A being glued to the neck of the collar at *c*.

Fig. 7 shows a means of uniting the body A and flange B without bending either, by inserting at the junction *d* an angle-band, which is easily made and applied in such a case. The band *d* may be applied above the flange B, as in Fig. 7, or below, as in Fig. 11.

Fig. 8 shows the body bent over at *y* to glue to the flange B. The bent edge may be secured either to the top or bottom surface of flange B, and the seat *a* be inserted as a loose collar, like the one shown in Fig. 3.

Fig. 9 shows a plan, and Fig. 10 a section, like the views previously described, of a method of strengthening the edge of seat *a* by turning over the top of the body A toward the flange B, and gluing the part turned over to the body where it projects above the flange B. The flange itself is connected to the body by a bent edge formed thereon where it fits the body; or it may be kept in place by a plain band, E, secured to the body below the flange, as in Fig. 12, the paper employed for finishing

the box stiffening the joint thus formed to the needful extent.

Fig. 13 is a longitudinal vertical section of the cover employed for the hat-box shown in Fig. 2.

In Fig. 15 the seat is shown as strengthened by the body being united to an edge bent upward on the flange, where the body projects through the same, the edges of both being covered with paper, as just described.

In Fig. 16 the construction of the parts is the same as in Fig. 3, but the bent edge of the flange B is inserted inside the body A. The collar *a c* forms the seat *a*, as described, when either dropped or glued into its place.

In Fig. 17, as in Fig. 6, the collar serves to unite the body and flange; but neither is bent at the union of the two, the flange simply embracing the small part of the collar, while it is kept from slipping downward by the body A, which is glued outside of the collar *c* in contact with the under side of B.

In Fig. 18 the body A is shown bent outward at its junction with the flange, as in Fig. 8, and secured to the under side of B, the seat *a* being inserted as a loose collar, or fastened in, as desired.

From the above description, it will be seen that the collar *a c* may be used to unite the body and flange, forming a necessary part of the structure, or may be inserted merely to secure the desired projection at *a*, in the latter case being made and applied in any manner that will secure the desired object.

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

1. The collar *a c*, or its equivalent, when used in combination with the body A and flange B of a hat-box.

2. The hat-box constructed with the body A projecting upward through the flange B, to form the seat *a*, as herein described and shown.

In testimony that I claim the foregoing as my own I hereto subscribe my name in presence of two witnesses.

FREDERIC JINKINS.

Witnesses:

THOS. S. CRANE,

CHAS. C. HERRICK.