

W. Tabele,

Box.

No. 6783.

Patented Oct. 9. 1849.

Fig. 2.

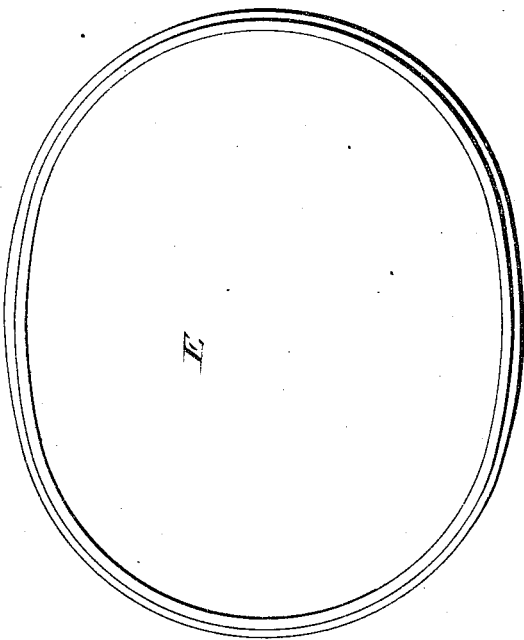


Fig. 4.

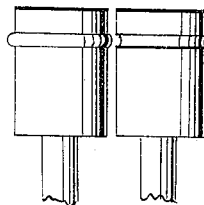


Fig. 1.

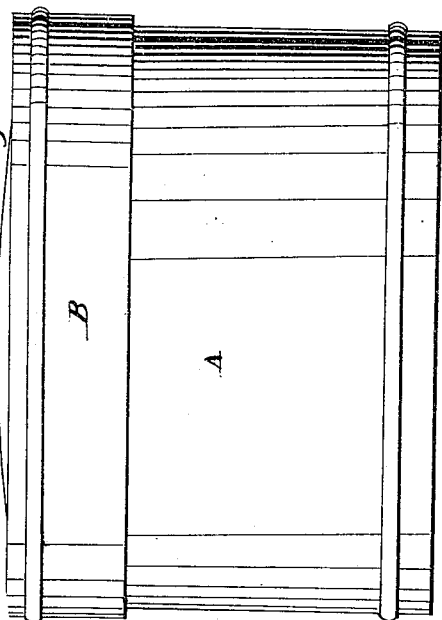
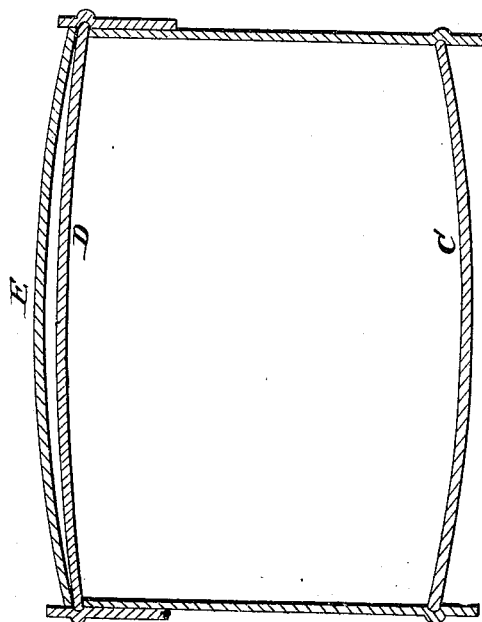


Fig. 3.



# UNITED STATES PATENT OFFICE.

WILLIAM TABELE, OF HARLEM, NEW YORK.

## IMPROVEMENT IN THE MANUFACTURE OF BANDBOXES.

Specification forming part of Letters Patent No. 6,783, dated October 9, 1849.

### *To all whom it may concern:*

Be it known that I, WILLIAM TABELE, of Harlem, in the county of New York and State of New York, have invented a new and useful Improvement in Bandboxes for Containing Bonnets, Hats, and other Articles, which is described as follows, reference being had to the annexed drawings of the same, making part of this specification.

Figure 1 is a side elevation of a bandbox constructed after the manner of this improved plan. Fig. 2 is a top or bird's-eye view of the same. Fig. 3 is a vertical section through the center of the same. Fig. 4 is a section of the rollers for forming grooves in the box for the reception of the concavo-convex top and bottom of the same.

Similar letters in the figures refer to corresponding parts.

The nature of this invention and improvement consists in forming, inside the lower part of the body of the bandbox and inside the part surrounding the same composing the lid or cover, grooves or creases by means of fluted and grooved rollers and inserting in said grooves, by springing and gluing, concavo-convex heads or top and bottom, and in applying above the top another concavo-convex top board in such a manner as to give strength to the box and leave a space between the lower edge of the body of the same and the bottom to prevent the bonnets, hats, or other articles contained in the box being injured by water or dampness getting in from below, and a space between the upper edge of the cover and the two concavo-convex spring-boards of the top to prevent the same being bent from anything heavy being placed on the same. The particular design in leaving the bottom of the box concave is that a hat in being placed in the box may rest upon the edge of the "tip" of the hat, thereby preserving the main surface of it.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction.

A is the body of the box, made of the usual or most approved form, pared off on the edges where joined, and glued or otherwise fastened together after the manner of ship-lapping.

B is the body of the lid or cover.

C is the bottom of the box, made concavo-convex, and sprung and glued into grooves made

on the inside of the body of the box a short distance above its lower edge by passing it, when in a straight piece, or when connected as represented, as pleasure or convenience may dictate, between a grooved and ribbed roller arranged one above the other after the manner of the grooving-rollers of tin and sheet-iron workers.

D is the concavo-convex board of the lid or cover sprung and glued into a groove in the body of the same in the same manner as the bottom is into the groove in the body of the box.

E is an additional top board, made more concave than the board D, and sprung within the body of the lid or cover immediately above the board D, so as to leave a space between the two. The top and bottom boards, C D, being made concavo-convex, are forced or sprung into their respective positions, so as to have a pressure outward equally over their edges, and will act somewhat after the principle of the grooved arch to any pressure or weight applied to either of their convex surfaces, while the additional board, being made more concave than the board B, will protect this last-mentioned board, or, in other words, receive, together with the upper edge of the bodies of the lid and box, the weight or pressure of any article placed on the box either from inadvertence or design, and will be assisted in sustaining such article by the similar-formed boards D. The lower board, C, being situated some distance above the lower edge of the body of the box bearing on the surface of the floor or other place, will not be affected by wet or dampness on the surface of the floor or other place in case the box is situated in a wet or damp apartment.

It will be observed that the box formed after this design does not require any sewing, but is put and held together entirely by glue.

What I claim as my invention, and desire to secure by Letters Patent, is—

The construction of the concavo-convex heads or top and bottom boards, C D, inserted into grooves formed in the bodies of the box and lid, and secured by gluing with the additional concavo top board, E, susceptible of being replaced at pleasure, as herein set forth.

WILLIAM TABELE.

Witnesses:

O. D. MUNN,  
S. H. WALES.