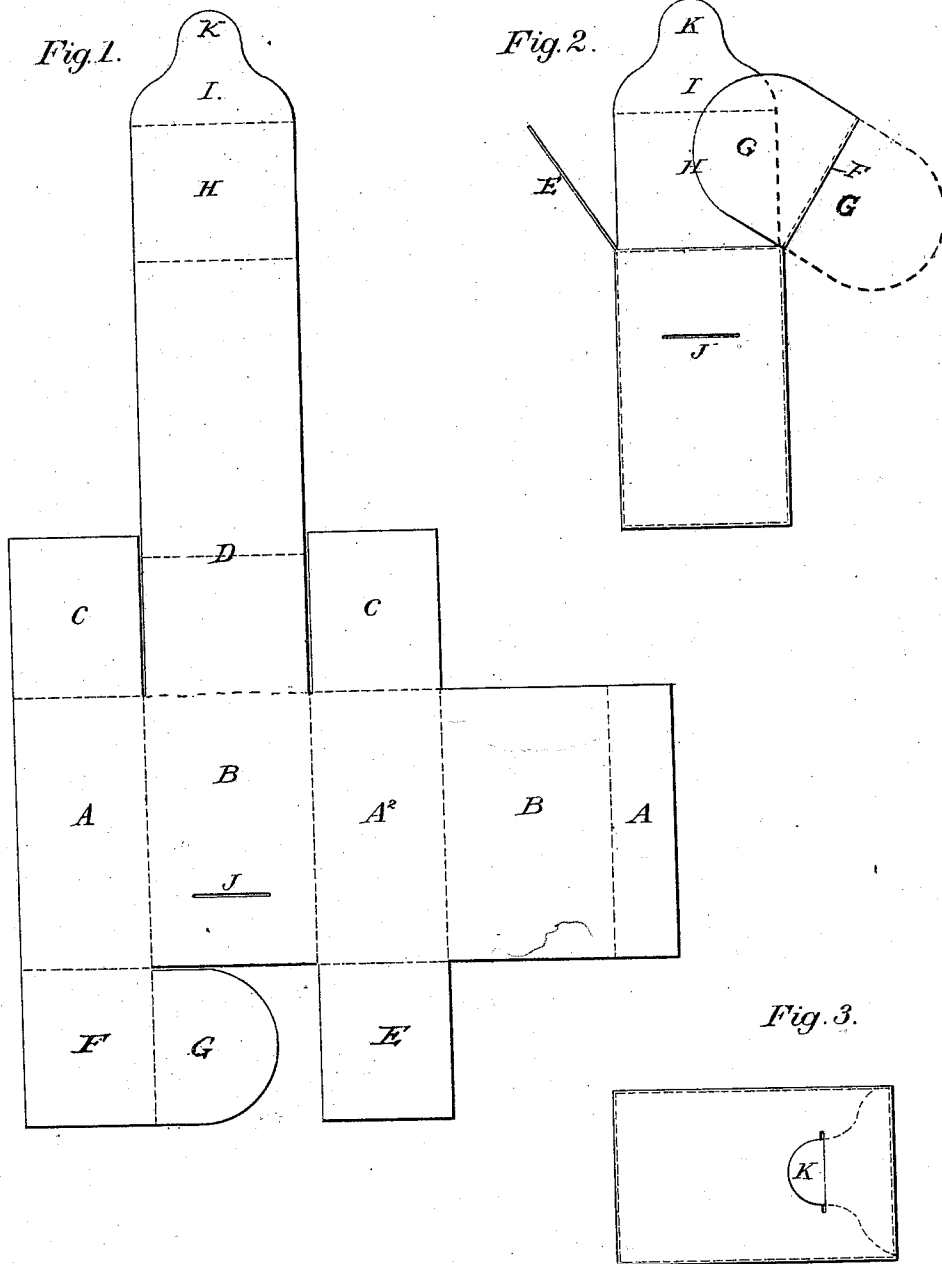


G. M. WHITE.
PAPER-BOX.

No. 174,332.

Patented Feb. 29, 1876.



Attest:
Colborne Brooks
F W Farleigh.

Inventor:
George M. White.
By Mrs. M. W. White
J. Milburn Parrott.

UNITED STATES PATENT OFFICE.

GEORGE M. WHITE, OF DERBY, ASSIGNOR OF TWO-THIRDS HIS RIGHT TO ROBERT T. CLARKE, OF BRIDGEPORT, AND FRANCIS J. STERLING, OF DERBY, CONNECTICUT.

IMPROVEMENT IN PAPER BOXES.

Specification forming part of Letters Patent No. **174,332**, dated February 29, 1876; application filed January 26, 1876.

To all whom it may concern :

Be it known that I, GEORGE M. WHITE, of Derby, in the county of New Haven and in the State of Connecticut, have invented certain new and useful Improvements in Manufacturers' Boxes; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

My invention relates to improvements in boxes formed of paper or other similar material, commonly known as "manufacturers' boxes."

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a perspective view of the blank as it comes from the die, and represents the entire box with all of its parts complete. Fig. 2 represents a front view of the box folded in form preparatory to closing in the top flaps after filling; and Fig. 3 is a view of the box when filled, closed, and fastened.

A A represent the two parts which are lapped or fastened together at pleasure to form one of the narrower sides; A² is the other narrow side; B B, the two wider sides; C C, the lapels which, with the strap D, forms the bottom; D, the main strap which fastens the entire box together; E and F, the lapels which form the top; G, the guard or guide to the strap; H, that portion of the strap which crosses the top to hold the lapels in place; I, the tongue; J, the incision in the side of the box for the tongue, and K, the end of the tongue projecting through the incision and fastened as appears in Fig. 3.

The entire blank of which this box is formed is cut and creased for folding with a die, and all of its parts are connected together, making but a single blank, which can be conveniently folded for transportation.

The box is formed from the blank in the following manner: Take the blank in the left hand and fold the half sides A A under,

and fasten them together, if desired. Turn down the lapels C C, insert the strap D between the side of the box opposite to it and the lapels turned down and draw it through at the top, when the box is ready for filling. After the box is filled, turn down the lapel E, then turn the guard G from the position shown by dotted lines into the position shown by full lines, (in Fig. 1,) insert the said guard G between it and the side provided with the incision, when the lapel F will be in place; then insert the tongue between the guard G on the lapel F and the side of the box next to it and through the incision J when the box is formed, and, if desired, for greater security, the tongue may be fastened by a seal or tack, as appears in Fig. 3. It will be seen that as the tongue passes through the side and the guard is between it and the article with which the box is filled, it can be more readily inserted and removed than others of a similar character, and, if desired, a guard can be formed by fastening the edges of a strip across the edges of the inside of the box.

My invention consists of a box, both ends of which are formed of three thicknesses of material, making them of great and equal strength, the interior surface of which is free from all obstructions, which avoid the inconvenience and loss of time caused by placing the hand inside of the box in the process of filling, and provided with a single strap, which in part forms both ends of the box and binds the entire box together, the end of which strap performs the office of a tongue, and is inserted under and through one side of the box, and, in combination with the guard and incision in the side of the box, fastens and binds the whole together.

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

1. As an article of manufacture, the box herein described, consisting of a single-piece cut blank, having a principal or body portion which forms in folding the sides of the box, and from which project an elongated locking-strap, together with correspondingly-attached top and bottom flap-pieces oppositely located,

one of the top flaps being provided with a lateral extension guard-piece; the entire blank being creased and folded along the dotted lines to form the completed box, substantially as herein shown and described.

2. A blank for a manufacturer's box, having a principal or body portion, A A B B A², adapted to form, when folded, the sides of the box, and from which projects an elongated locking-strap, D, and correspondingly-attached top and bottom flap-pieces C C and E F, oppositely located, one of the top flaps

being provided with a lateral extension or guard-piece G, the entire blank being adapted to be folded along the dotted lines to form a box, the whole being constructed substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand this 22d day of January, 1876.

GEORGE M. WHITE.

Witnesses:

J. WILBUE PARROTT,
SHERWOOD STERLING.