

F. FIELD.
PAPER BOX.

No. 98,860.

Patented Jan. 18, 1870.

Fig. 1.

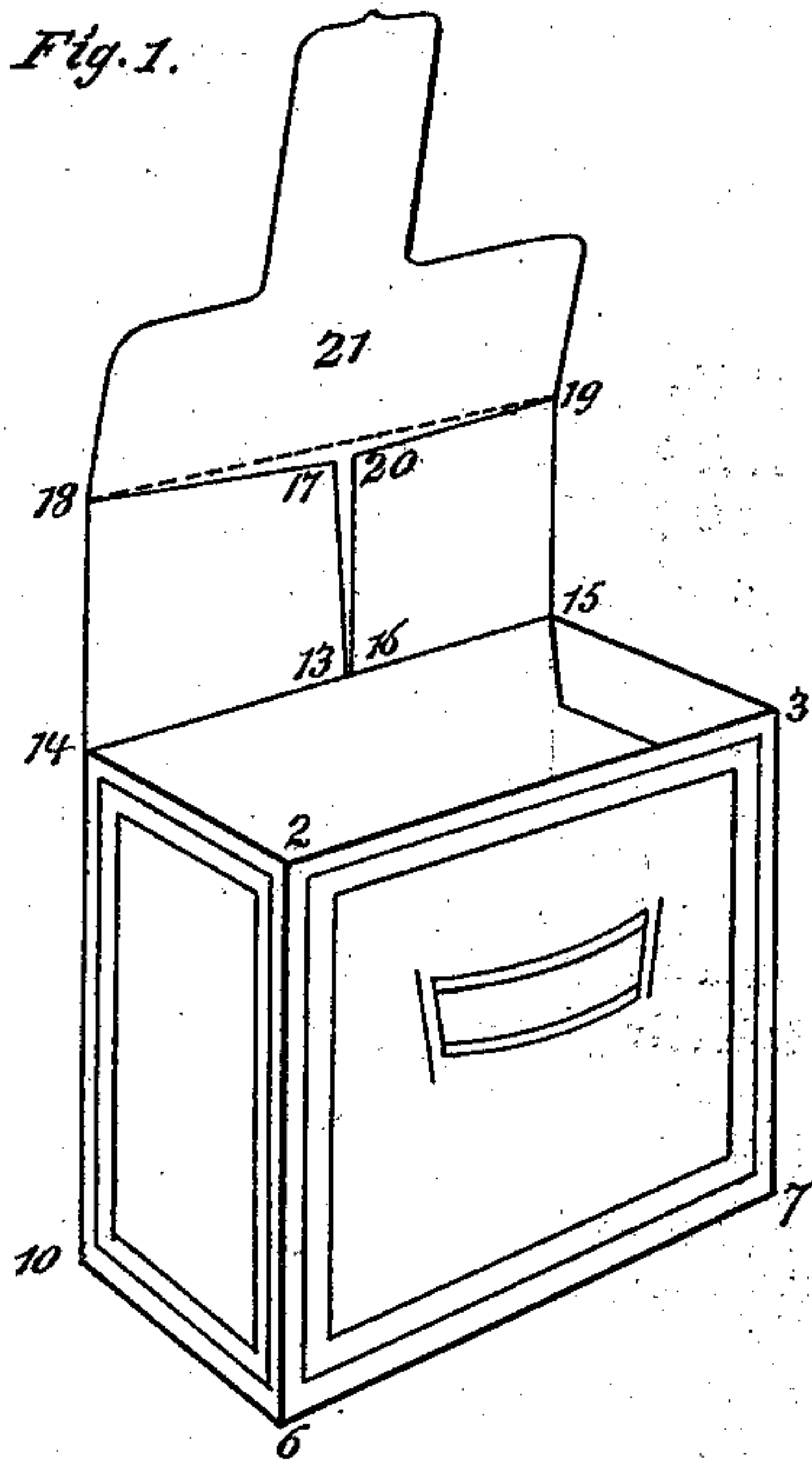


Fig. 2.

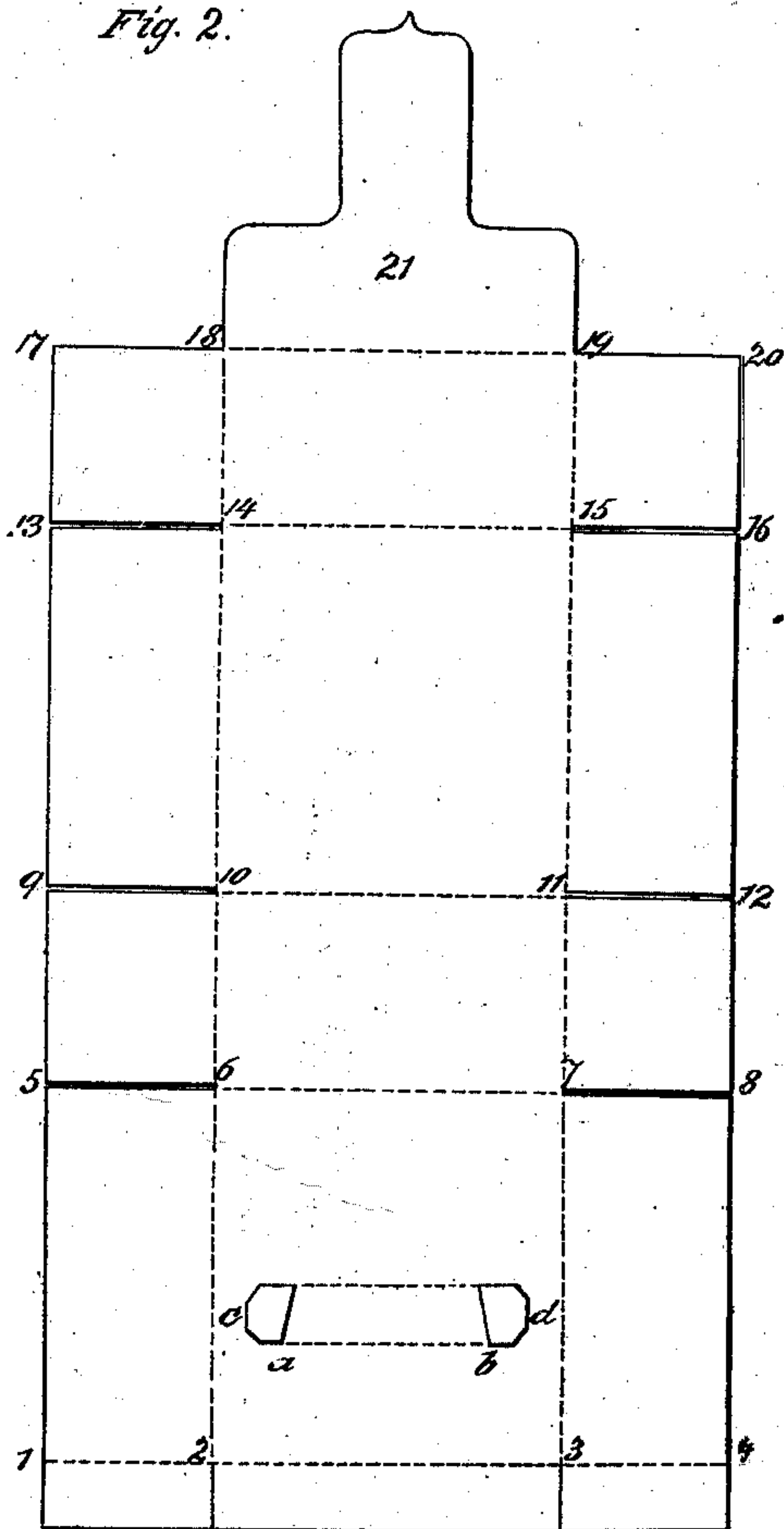


Fig. 3.

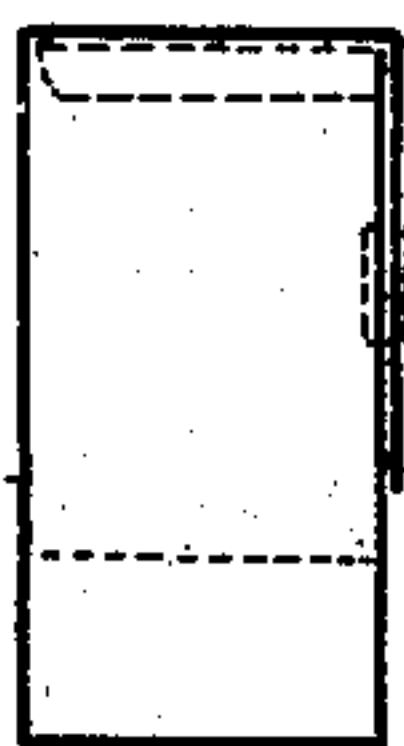


Fig. 4.

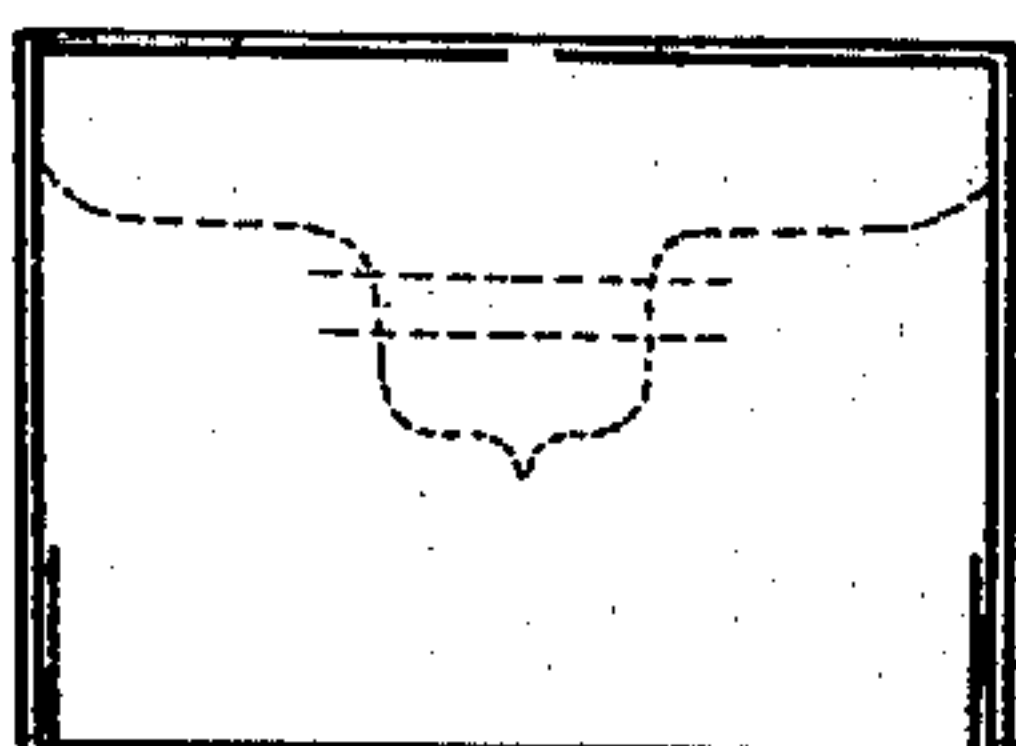
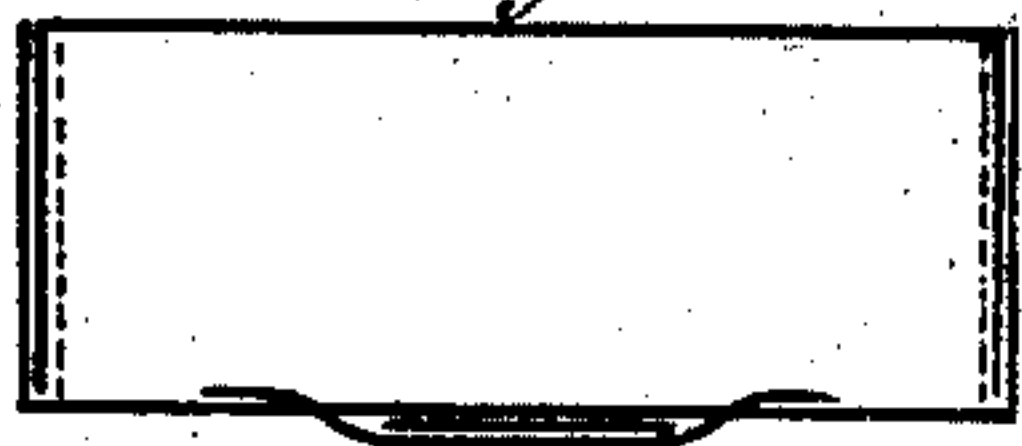


Fig. 5.



Witnesses.

Forryth
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FRANKLIN FIELD, OF TROY, NEW YORK.

Letters Patent No. 98,860, dated January 18, 1870.

IMPROVED PAPER BOX.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, FRANKLIN FIELD, of the city of Troy, in the county of Rensselaer, and State of New York, have invented a new and improved Paper Box; and that the following is a full, clear, and exact description of my said invention, reference being had to the accompanying drawings, and the letters of reference marked thereon, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved paper box, when folded and completed, as hereinafter specified.

Figure 2 is a view of the blank or piece of paper, from which the box is made, as it appears when cut or stamped out, ready for folding.

Figure 3 is a transverse section of said box, parallel with the ends thereof.

Figure 4 is a section, parallel with the front and rear end.

Figure 5 is a section, parallel with the top and bottom of said box.

My invention relates to boxes used for the purpose of packing linen or paper collars, or similar articles of manufacture; and consists in making boxes in a much cheaper manner, and of a more desirable and attractive form.

Heretofore, boxes for the purpose of packing collars have been made of several different pieces or parts, and with a separate and detachable cover, which slides over the body of the box.

By my mode of manufacture, I produce a handsome and more suitable article, at much less expense.

The construction of my improved box, is as follows:

From a sheet of paper cloth and paper, or other suitable material, I cut or stamp a blank, fig. 2. The parallel lines in this figure, show where the paper is divided, and the dotted lines, the direction of the several folds.

Before folding, two slits, *a* and *b*, are made in that portion of the blank which is to form the front of the box, and the ends of the strap or keeper *c d*, are passed through them.

The bottom of the blank, as shown in fig. 2, which is to form the upper edge of the box, is folded along the line 1, 2, 3, 4.

The square pieces 5 10 and 7 12, are then folded in

toward each other along the lines 6 10 and 7 11, so that they will be at right angles with the bottom 6 11.

The square pieces 13 18 and 15 20, are also folded in along the lines 14 18 and 15 19, and pressed flat to the surface of the top 14 19.

The sides 1 6 and 3 8, are then bent along the lines 2 6 and 3 7, to a vertical position, or to a right angle with their former position.

The sides 9 14 and 11 16, are bent to a similar position along the lines 10 14 and 11 15. The whole blank is then folded along the lines 6 7 and 10 11, so that the front 2 7 and back 10 15, are opposite to and parallel with each other. In this position, the sides enfold or overlap each other, and the pieces 5 10 and 7 12 will be inside both, thus forming the box with sides double throughout, and triple in the lower half, and giving it great strength.

The rectangle 6 11 will form the bottom of the box. The pieces 1 2 and 3 4 fold over the upper ends of the sides 9 14 and 11 16. The rectangle 14 19 is then folded along the line 14 15, forming the top of the box, and the flap 21 is folded down along the line 18 19, and the tongue is passed through the keeper *c d*. When the box is completed and open, it will present the appearance shown in fig. 1. The double edge along the line 1, 2, 3, 4, the folded pieces 13 18 and 15 20, and the sides, are held in place by glue or other adhesive material, but this is all the fastening that is needed. It will be seen that the box, as completed, is something in the shape of a toilet-case, and forms a pretty and attractive toilet-article, while the cost of making it is far less than the cost of the boxes heretofore in use.

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

As a new article of manufacture, a box, composed of paper or similar material, constructed from a blank, cut along the lines 5 6, 7 8, 9 10, 11 12, 13 14, and 15 16, and folded as hereinbefore described, constituting a rectangular box, with a lid or cover, as specified.

In witness whereof, I have hereunto set my hand, this 23d day of September, 1869.

F. FIELD.

Witnesses:

J. FORSYTH,
E. COWEN.