(No Model.)

D. HESTON.

PAPER BOX.

No. 315,283. Patented Apr. 7, 1885.

Fig. 1.

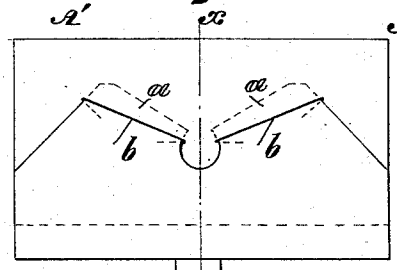


Fig. 2.

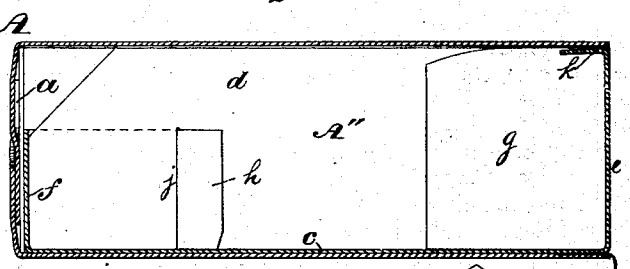


Fig. 3.

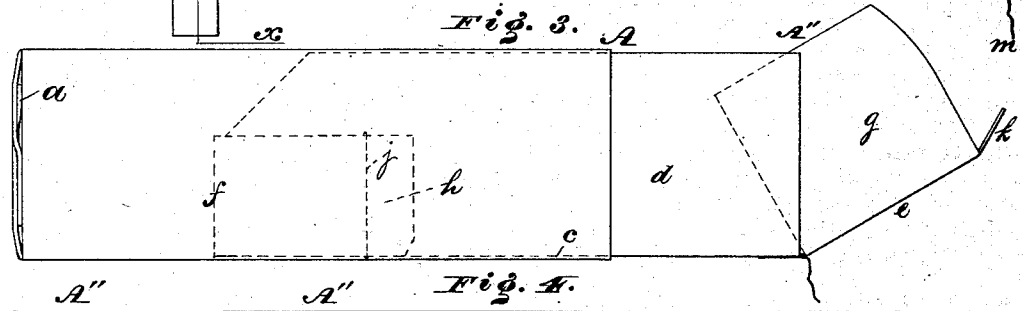
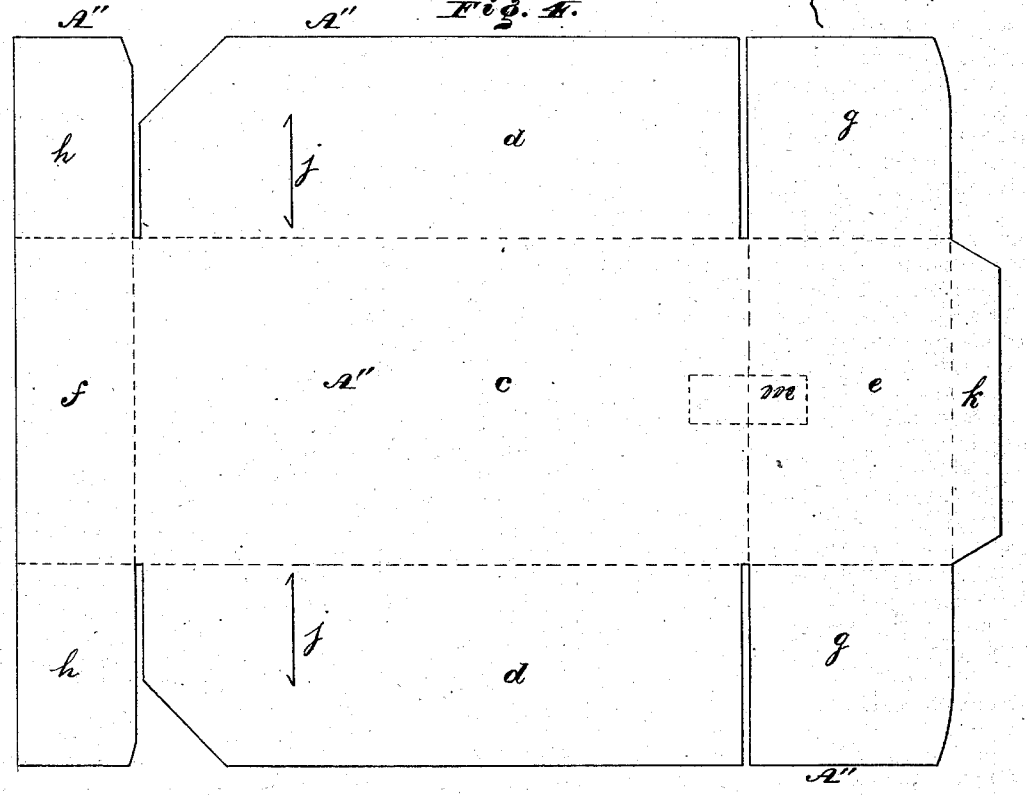


Fig. 4.



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UNITED STATES PATENT OFFICE.

DAVID HESTON, OF PHILADELPHIA, PENNSYLVANIA.

PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 315,283, dated April 7, 1885.

Application filed October 21, 1884. (No model.)

To all whom it may concern:

Be it known that I, DAVID HESTON, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Paper Boxes, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 represents an end view of a paper box embodying my invention. Fig. 2 represents a longitudinal section thereof in line *x x*, Fig. 1. Fig. 3 represents a side elevation thereof, partly open. Fig. 4 represents a view of one portion of the box in flat condition for packing, transportation, or storage.

Similar letters of reference indicate corresponding parts in the several figures.

My invention consists of improvements in paper boxes, as will be hereinafter fully set forth.

Referring to the drawings, A represents a paper box consisting of the exterior portion, A′, of the box and inner portion, A″. The exterior portion, A′, is formed of a tube open at one end, and closed at the other end by the tongues *a* and slots *b* in the flaps of the latter end, although I may employ for said end any locking device which may be readily opened, so that the tube may be flattened out, as is well known in some classes of paper boxes. The inner portion, A″, of the box is formed of the bottom *c*, sides *d*, front end, *e*, rear end, *f*, flaps *g*, projecting laterally from the end *e*, and tongues *h*, projecting laterally from the end *f*.

In the side pieces, *d*, are slots *j*, which are parallel with the tongues *h*, when the latter are unfolded, as in Fig. 4.

To produce the portion A″ from the form shown in said Fig. 4, the sides *d* and ends *e f* are turned up, and the flaps *g* entered between the sides *d* and rest thereagainst. The tongues *h* are turned against the outer faces of the sides *d* and inserted into the slots *j*, thus locking the ends *f* and sides *d*. The body or portion A″, as now formed, is introduced into the portion A′, and the box may be placed on a shelf, counter, &c., or carried, as desired.

When opening of the box or access to the contents of the same is desired, the body A″ is partly withdrawn and the end pulled down, the interior of the box being exposed. The goods or article in the box may now be removed without disturbing the exterior part or casing, A′, of the box, said portion, if on a shelf or counter, remaining in such location. Should the article be sold, the portion A′ may be displaced from the shelf, &c., the portion A″ with the article in the latter inserted in the former, the flaps *g* being returned to their proper position in contact with the sides *d*, and thus the box is held closed, and the article may be nicely carried therein.

At the top of the front end, *e*, is a flap, *k*, which serves to close the top of the body A″ at said end, especially when said body is partly opened, and also preventing the entrance of dust when the body is fully returned into the portion A′.

At the bottom of the front end, *e*, is a tab, *m*, for convenience of withdrawing the portion or body A″ from the exterior portion.

For purposes of packing, transportation, and storage the portions A′ A″ are separated, and the parts of the portion A″ opened and spread out, as in Fig. 4. The locking-tongues of the closed end of the portion A′ are also disconnected or withdrawn from the slots *b*, and said portion may be flattened and the two portions placed one on the other, it being evident that a number of each portion may be nicely packed or bundled, wrapped, carried, shipped, &c.

The box will be found to be admirably adapted for shoes, slippers, flowers, &c.

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

1. A paper box formed of an exterior tubular portion having one end thereof open and one end closed, the closed end being formed of flaps, and an interior portion having slotted sides, and an end having locking-tongues, the other end thereof having flaps resting within the box, and a top flap, substantially as and for the purpose set forth.

2. A box formed of an exterior tubular portion having an open end, and an interior portion or body having a bottom, *c*, sides *d*, having slots *j*, ends *e f*, flaps *g*, and tongues *h*, said interior portion being adapted to slide in and out of the exterior portion, and when drawn out to have its front end let down, exposing the interior of the box without disturbing the exterior portion, substantially as and for the purpose set forth.

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Witnesses:
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