

L. A. KETTLE.
Paper-Boxes.

No. 164,742.

Patented June 22, 1875.

Fig.1.

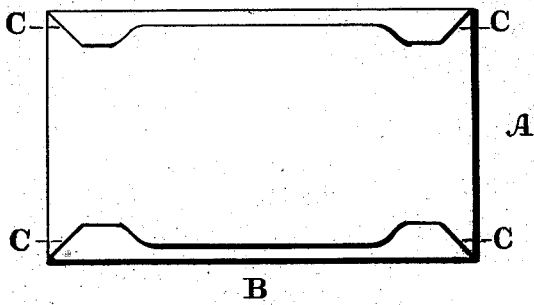


Fig.2.

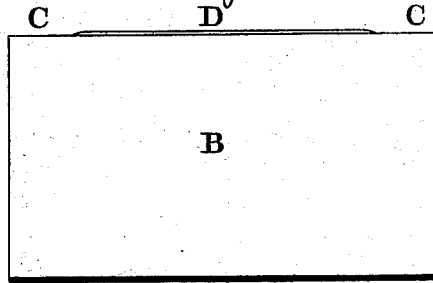


Fig.3.

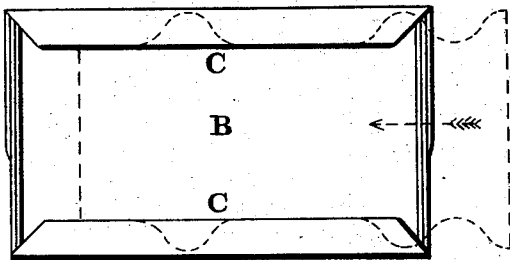


Fig.4.

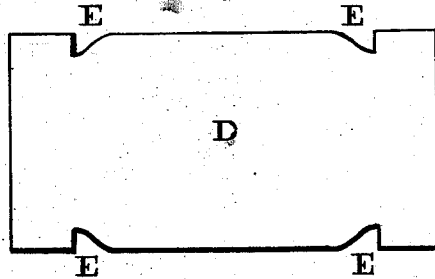
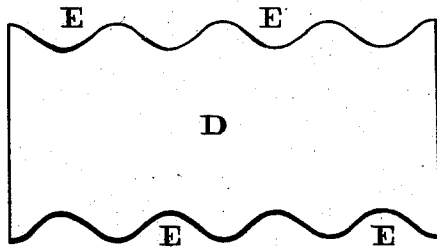


Fig.5.



Witnesses:

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UNITED STATES PATENT OFFICE

LOUIS A. KETTLE, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN PAPER BOXES.

Specification forming part of Letters Patent No. **164,742**, dated June 22, 1875; application filed December 12, 1874.

To all whom it may concern:

Be it known that I, LOUIS A. KETTLE, of the city and county of Philadelphia, and the State of Pennsylvania, have invented a new and useful Improvement in Paper Boxes; and I do hereby declare the following to be a clear and exact description of the nature thereof, sufficient to enable others skilled in the art to which my invention appertains to fully understand, make, and use the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a top view of the device embodying my invention. Fig. 2 is a side view thereof. Fig. 3 is a top view of the body of the box. Figs. 4 and 5 are top views of the lid thereof.

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

My invention relates to an open box; and consists of a lid having on its borders scallops or tongues, which engage with inwardly-projecting rims on opposite sides of the opening of the box.

Referring to the drawings, A represents a box, whose body B may be constructed of paper or pasteboard. C represents rims, which project inwardly from the outer edges of opposite sides of the opening of the box, so as to overhang the body thereof, and are adapted for engagement of the lid D, which consists

of a strip having on opposite borders a series of scallops, serrations, or tongues, E, and of width corresponding to the opening of the box which it is to cover.

When the lid is to be fitted to the box one end thereof is so presented to the rims C that the line of the tongues will extend at right angle to that of the rims C. Now slide the lid to the opposite end of the box, and, in the passage, bend the lid or impart undulating motions thereto, so that the tongues will alternately rest above and below the rims. This operation acts, as it were, after the manner of weaving or reeving, and causes the lid to be firmly connected to the body of the box.

In order to remove the lid, it is only necessary to slide it from its position, the tongues offering no resistance thereto.

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

The lid D, formed with tongues E, which lock with inwardly-projecting rims of the body of the box, substantially as and for the purpose set forth.

LOUIS A. KETTLE.

Witnesses:

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