

(No Model.)

S. S. BARRETT.
BOX FASTENER.

No. 485,524.

Patented Nov. 1, 1892.

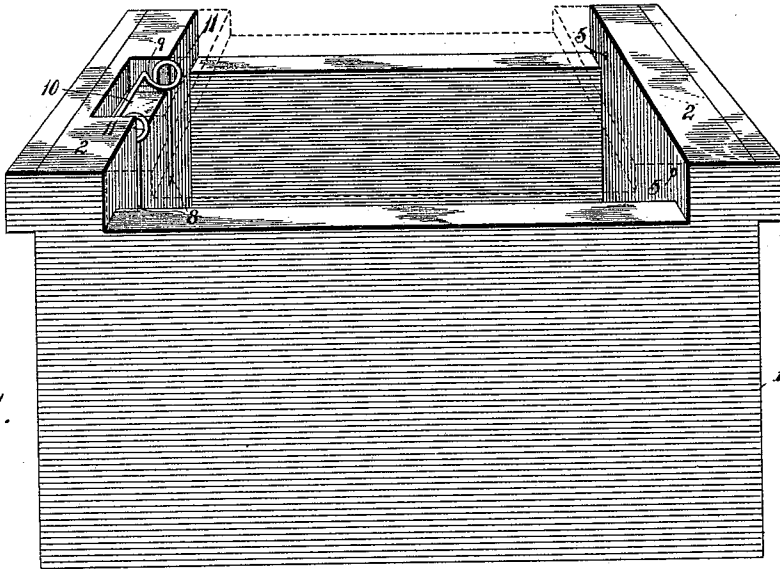


Fig. 1.

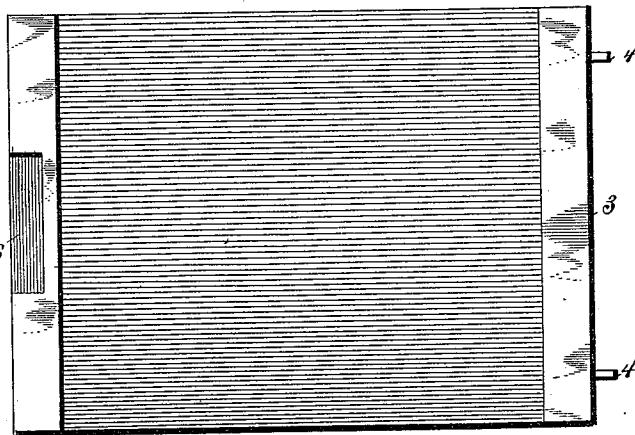


Fig. 2.

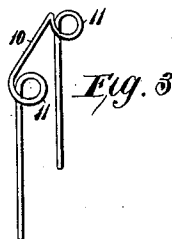


Fig. 3.

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UNITED STATES PATENT OFFICE.

SAM S. BARRETT, OF SALEM, MISSOURI.

BOX-FASTENER.

SPECIFICATION forming part of Letters Patent No. 485,524, dated November 1, 1892.

Application filed June 6, 1892. Serial No. 435,677. (No model.)

To all whom it may concern:

Be it known that I, SAM S. BARRETT, of Salem, county of Dent, State of Missouri, have invented certain new and useful Improvements in Box-Fasteners, of which the following is a specification, reference being had to the accompanying drawings.

The object of my invention is to produce a box-fastener for shipping-cases especially adapted for the shipment of eggs which is so constructed as to prevent danger of displacement or splitting of the lid and by which the lid can be readily fastened in place without danger of becoming unfastened in the handling it usually receives in shipment.

In the accompanying drawings, Figure 1 represents a perspective view of a box constructed according to my invention. Fig. 2 represents a detached view of the lid of the box, and Fig. 3 is a detached view of the spring-catch.

Referring to the figures on the drawings, 1 indicates a box of any suitable shape or size adapted for the shipment of eggs, for example. It is provided with ends 2, which extend upward above the sides of the box a suitable distance to accommodate a lid of suitable thickness between them and to rise flush with the top thereof when in place.

3 indicates such a lid secured upon the box, showing its top flush with the ends of the box. It may be provided at one end with pins 4, adapted to enter holes 5 in the adjacent end of the box and to secure that end in place. At the other end I provide a fastening set inside of the end between the end and the adjacent edge of the lid, that is adapted to be automatically pushed backward to spring over the edge of the lid, preferably into a notch 6 and to hold it in place. A similar catch may, if preferred, be used at both ends

instead of one. The catch is constructed as illustrated in the drawings, and consists of a piece of spring-wire provided with ends adapted to enter the end of the box and extending upwardly to fit into grooves 8 in the end of the box.

In the top of the end of the box is a recess 9, in which the cross-piece 10 of the catch works. This cross-piece is made integrally with the balance of the latch, preferably.

11 indicates spring-curves in the wire that forms the latch and is designed to present a curved yielding surface to the edge of the box-lid when it is pressed down in place for fastening. Importance is attached to the spring-curves being wholly inclosed within the recesses of the box and lid, whereby the same is prevented from being injured or becoming disengaged from their bearings.

By the construction just illustrated I provide a convenient, cheap, and very simple fastening that answers all the purposes of a fastening for the use to which this is intended to be put and which cannot become unfastened by handling, as a latch located on the outside of the box is liable to become.

What I claim is—

The combination, with a box having a recess in one end and a catch with spring-curves located in said recess and having lateral play therein, of a lid having a corresponding recess adapted to automatically receive the curves, whereby the same are wholly inclosed within the recesses of the box and lid, substantially as and for the purposes specified.

In testimony of all which I have hereunto subscribed my name.

SAM S. BARRETT.

Witnesses:

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