

(No Model.)

J. E. BRIGGS.

BOX FASTENER.

No. 353,014.

Patented Nov. 23, 1886.

fig. 1.

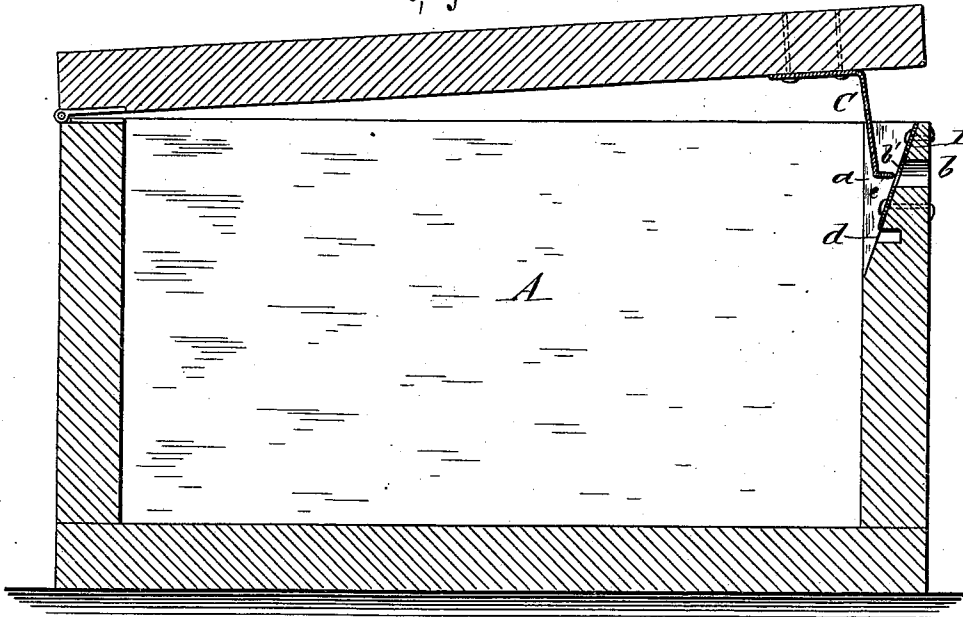


fig. 2.

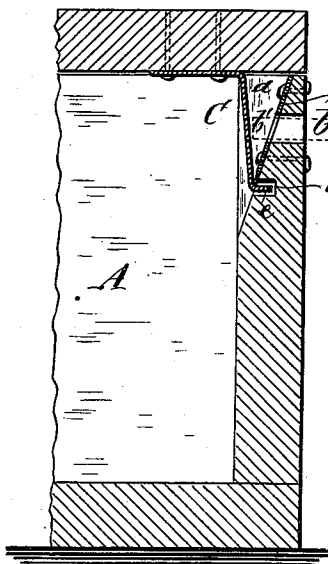
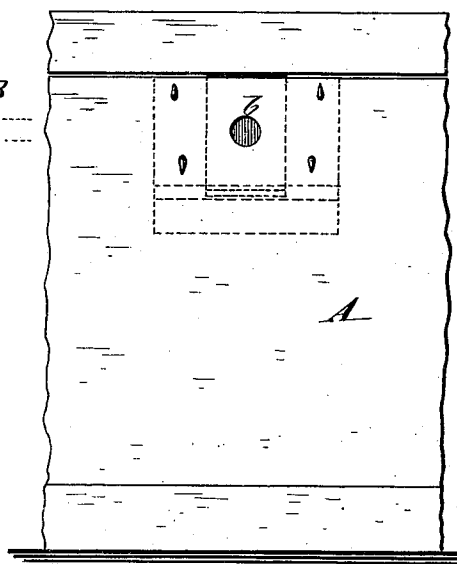


fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JAMES E. BRIGGS, OF NEW YORK, N. Y.

BOX-FASTENER.

SPECIFICATION forming part of Letters Patent No. 353,014, dated November 23, 1886.

Application filed May 1, 1886. Serial No. 200,761. (No model.)

To all whom it may concern:

Be it known that I, JAMES E. BRIGGS, of the city, county, and State of New York, have invented certain new and useful Improvements in Box-Fasteners, of which the following is a specification.

This invention relates to an improved fastening device for boxes and crates of all kinds; and the invention consists of the combination of a box, the front wall of which has a beveled recess, a hole extending from the recess through the wall, a horizontal recess extending from the beveled recess below the hole, a re-enforcing plate attached to the inclined face portion and having a hole registering with the hole in the front wall, and a locking-spring that is attached to the lid and provided with a forwardly-bent lip at the lower end, by which it engages the horizontal recess below the re-enforcing plate, it being released therefrom by inserting a suitable implement through the hole in the wall, as will appear more fully hereinafter, and finally be pointed out in the claim.

In the accompanying drawings, Figures 1 and 2 represent vertical longitudinal sections of a box with my improved fastener, showing the same, respectively, in open and closed position, and Fig. 3 is a front view and portion of the box with the fastener.

Similar letters of reference indicate corresponding parts.

In the drawings, A represents a box or crate, the front wall of which is provided at the inside with a beveled recess, *a*, with a hole, *b*, extending from the recess *a* through the wall, and with a horizontal recess, *d*, below the hole *b*. From the upper edge of the beveled recess *a* extends downward to the horizontal recess *d* a re-enforcing plate, B, which is attached by nails or otherwise to the front wall. The re-enforcing plate B is provided with a hole, *b'*, in line with the hole *b* of the front wall of the box A. A locking-spring, *c*, is attached to the under side of the lid C by means of nails or otherwise and provided

at the lower end with a forwardly-bent lip, *e*, which lip passes along the inclined re-enforcing plate B until it engages the horizontal recess *d* and locks thereby the box, as shown in Fig. 2.

For opening the box a pencil or other suitable implement is introduced through the holes *b b'* and pressed against the middle portion of the locking-spring *c*, so as to force the same back sufficiently until the lip *e* clears the recess *d* and permits the opening of the lid C, as shown in Fig. 1.

My fastener is specially adapted for beer-boxes, fruit-crates of all kinds, and for similar applications, as there are no exterior fastening devices and interior projecting parts which would be in the way of the articles in the box or crate.

The fastener is of simple construction, easily attached to the box, and readily opened from the outside by inserting a suitable implement through the hole in the front wall, and releasing thereby the locking-spring from engagement with the front wall.

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

The combination of the front wall of a box or crate having a beveled recess, a hole extending from said recess through the wall, and a horizontal recess below said hole, with a re-enforcing plate extending over the beveled recess to the horizontal recess, and having a hole in line with the hole in the front wall, and a locking-spring attached to the under side of the lid, and having a forwardly-bent lip at the lower end that is adapted to engage the horizontal recess of the wall, and released therefrom when pressed back, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

JAMES E. BRIGGS.

Witnesses:

PAUL GOEPEL,
MARTIN PETRY.