

(No Model.)

W. H. LOWRY.
BOX FASTENER.

No. 503,285.

Patented Aug. 15, 1893.

Fig. 1.

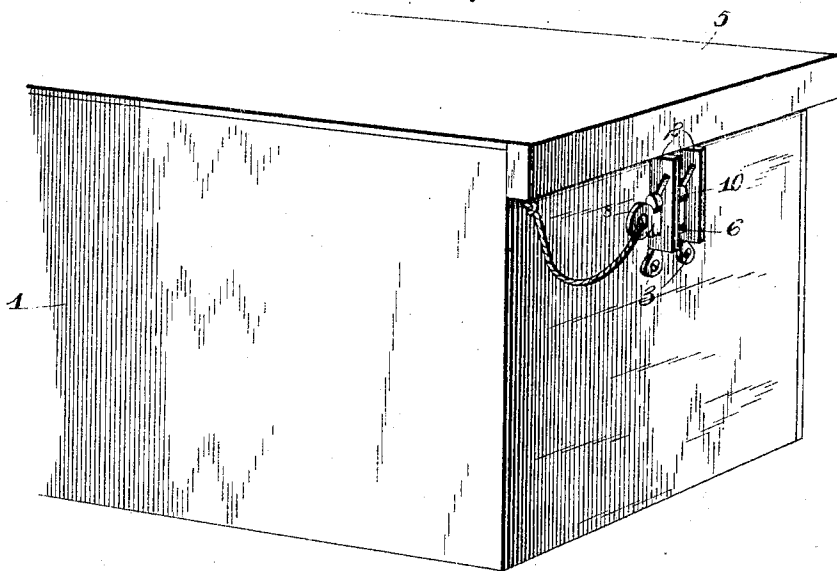


Fig. 2.

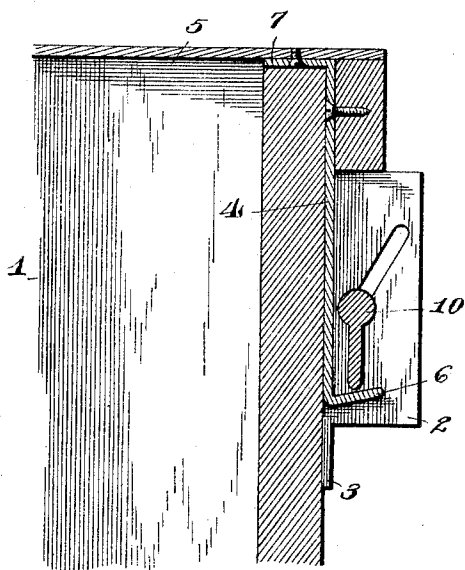


Fig. 3.

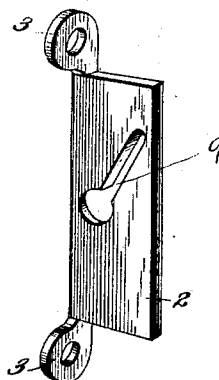
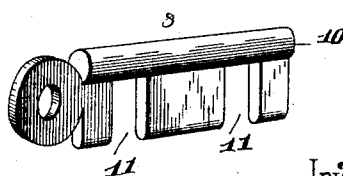


Fig. 4.



Witnesses

Chas. Ford.
N. P. Riley

Inventor

W. H. Lowry.

By *his* Attorneys,

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UNITED STATES PATENT OFFICE.

WILLIAM H. LOWRY, OF MOUNTAIN GROVE, MISSOURI.

BOX-FASTENER.

SPECIFICATION forming part of Letters Patent No. 503,285, dated August 15, 1893.

Application filed November 9, 1892. Serial No. 451,449. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. LOWRY, a citizen of the United States, residing at Mountain Grove, in the county of Wright and State of Missouri, have invented a new and useful Fastener for Shipping-Cases, Egg-Crates, and Similar Vessels, of which the following is a specification.

The invention relates to improvements in fasteners for shipping cases, egg crates, and similar vessels.

The object of the present invention is to improve the construction of fasteners, and to provide one of simple and inexpensive construction which may be readily applied to shipping cases, egg crates, and similar receptacles, and which will securely hold a cover on the body, and permit the same to be readily removed and quickly replaced.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings and pointed out in the claims hereto appended.

In the drawings—Figure 1 is a perspective view of a portion of an egg crate provided with a fastener construction in accordance with this invention. Fig. 2 is a vertical sectional view. Fig. 3 is a detail of one of the side plates. Fig. 4 is a similar view of the key.

Like numerals of reference indicate corresponding parts in all the figures of the drawings.

1 designates the body of an egg crate having secured to it at the end oppositely disposed vertical parallel side plates 2 terminating at their ends in ears 3 which are perforated for the reception of screws for securing the side plates to the crate. The side plates are adapted to receive between them a hasp 4 which depends from a cover 5 and which has its lower end bent outward to form a lug 6. The upper end of the hasp is bent inward to form a securing flange 7, which is fastened to the lower face of the cover. The depending portion of the hasp is arranged between the side plates, and is secured against vertical movement to prevent the removal of the cover by a key 8, which is arranged in similar inverted inclined key-hole slots 9 of the side plates. The key consists of a cylindrical portion 10,

and a longitudinal flange which is provided with opposite notches 11 to receive the side plates to enable the key to be turned downward to bring the central or middle portion of the flange in engagement with the lug of the hasp, the lug being slightly upwardly inclined to facilitate such engagement. A head is provided at one end of the key and has a perforation to receive a cord, chain or other equivalent means for attaching the key to the body of the crate.

It will be seen that the crate fastener is simple and comparatively inexpensive in construction, that it is adapted to be readily applied to a crate, case or analogous receptacle, that it is capable of permitting a cover to be readily removed and quickly secured in place, and that it is not liable to become accidentally unfastened.

I desire it to be understood that changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

What I claim is—

1. A fastener comprising a hasp provided at its lower end with an outwardly extending lug, oppositely disposed parallel plates adapted to receive the hasp between them and provided with slots, and a key having a flange and adapted to be inserted in the slots and to be turned to bring its flange in engagement with the lug of the hasp, substantially as described.

2. A fastener comprising a hasp provided at its lower end with an outwardly extending lug, opposite parallel side plates adapted to receive the hasp between them, and provided with inverted inclined key hole slots, and a key having a longitudinal flange provided with recesses adapted to receive the side plates whereby the key may be turned to bring its flange in engagement with the lug of the hasp, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM H. LOWRY.

Witnesses:

JAMES H. STEVENS,
SYLVESTER SHARP.