(No Model.)

# C. W. BEEHLER.

## BOX FASTENER.

No. 483,953. Patented Oct. 4, 1892.

Fig. 1.

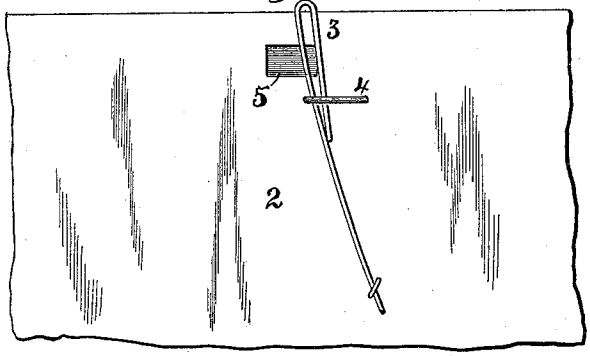



Fig. 2.

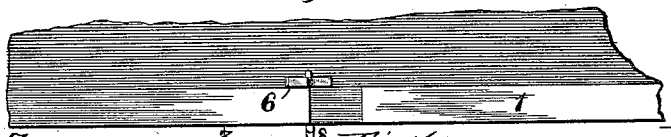



Fig. 3.

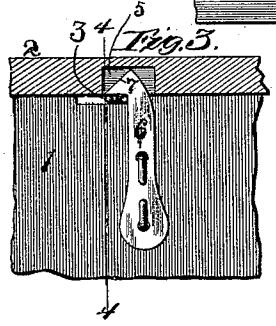



Fig. 4.

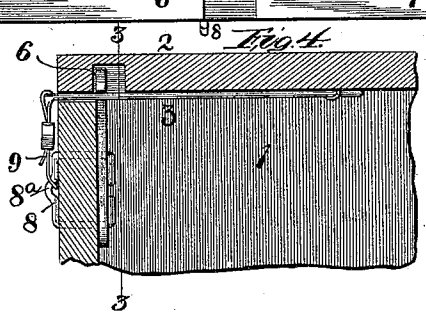



Fig. 5.

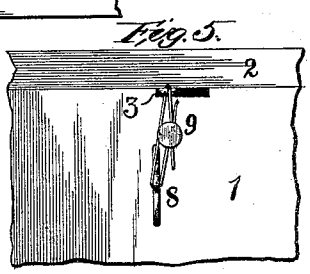



Fig. 6.

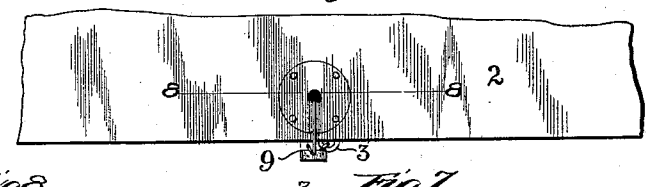



Fig. 8.

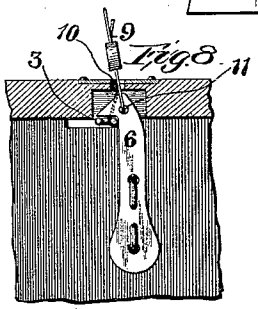
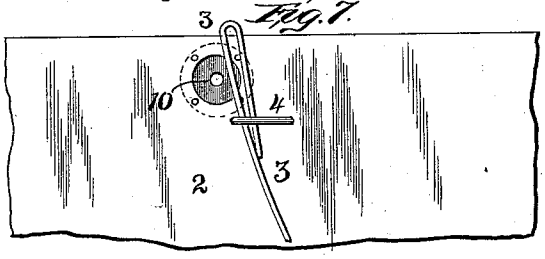



Fig. 7.




Witnesses:
W. F. Hall
Geo. C. Crum

Inventor:
Charles W. Beehler.
By Knight Bros. Attys.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

# UNITED STATES PATENT OFFICE.

CHARLES W. BEEHLER, OF ST. LOUIS, MISSOURI, ASSIGNOR OF TWO-THIRDS TO ALBERT KUEHNE AND FRANK HAUSPERGER, OF SAME PLACE.

## BOX-FASTENER.

SPECIFICATION forming part of Letters Patent No. 483,953, dated October 4, 1892.

Application filed June 7, 1892. Serial No. 436,872. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES W. BEEHLER, of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Box-Fasteners, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My present invention relates to an improved form of box-fastener; and it consists in features of novelty hereinafter fully described, and pointed out in the claim.

Figure 1 is a detail view showing the inside of the lid of the box with the spring-catch applied. Fig. 2 is a detail view of one edge of the box, showing the hook which engages the spring-catch. Fig. 3 is a detail vertical section taken on line III III, Fig. 4. Fig. 4 is a similar view taken on line IV IV, Fig. 3. Fig. 5 is a detail side view. Figs. 6, 7, and 8 are detail views showing a modification of the manner of applying the seal, Fig. 8 being a section on line VIII VIII, Fig. 6.

Referring to the drawings, 1 represents part of the box, and 2 part of the lid. 3 is a spring-catch made from a single piece of wire having a loop formed at one end and secured to the inner side of the lid, the loop or free end of the spring playing in the staple 4. The lid has a recess 5 to receive the upper end of the hook when the cover is applied.

6 represents a hook secured to the inside of the box in a position to engage the catch 3. The upper end of the hook is made inclined, as shown at 7, Fig. 3, so that as the lid is closed the spring-catch will be automatically moved back until it reaches the shoulder of the catch, when it will spring into engagement with the shoulder. The hook is secured to the box by means of a staple 8, which has a loop or bulge $8^a$ formed on it for receiving one end of the seal.

9 represents a seal, which when the lid is put on the box is applied to the end of the catch and is passed through the loop or bulge formed on the staple, as shown clearly in Figs. 4 and 5, thus preventing the catch from being disengaged from the hook without breaking the seal.

In the form of the invention shown in Figs. 6, 7, and 8 the hook and catch are made in the same manner as in the other form; but the seal is applied by forming a perforation 10 in the lid over the end of the hook and by forming a perforation 11 in the hook. The seal is passed through the perforation of the hook, up through the hole 11 in the cover, and through the outer end of the catch, thus holding the catch into engagement with the hook and preventing the disengagement of the catch without removing the seal.

A box-fastener thus formed is cheap, easily applied, and durable.

I claim as my invention—

In a box-fastener, the combination of a spring-catch provided with a loop at one end and a stationary catch secured to the body of the box, said catch being secured to the box by means of a staple provided with a loop or bulge and a seal adapted to be applied to the loop of the spring-catch and the staple, substantially as set forth.

CHARLES W. BEEHLER.

In presence of—

ALBERT M. EBERSOLE,

J. M. MAROT.