

(No Model.)

G. J. SAURBREY.
HASP SEAL.

No. 474,411.

Patented May 10, 1892.

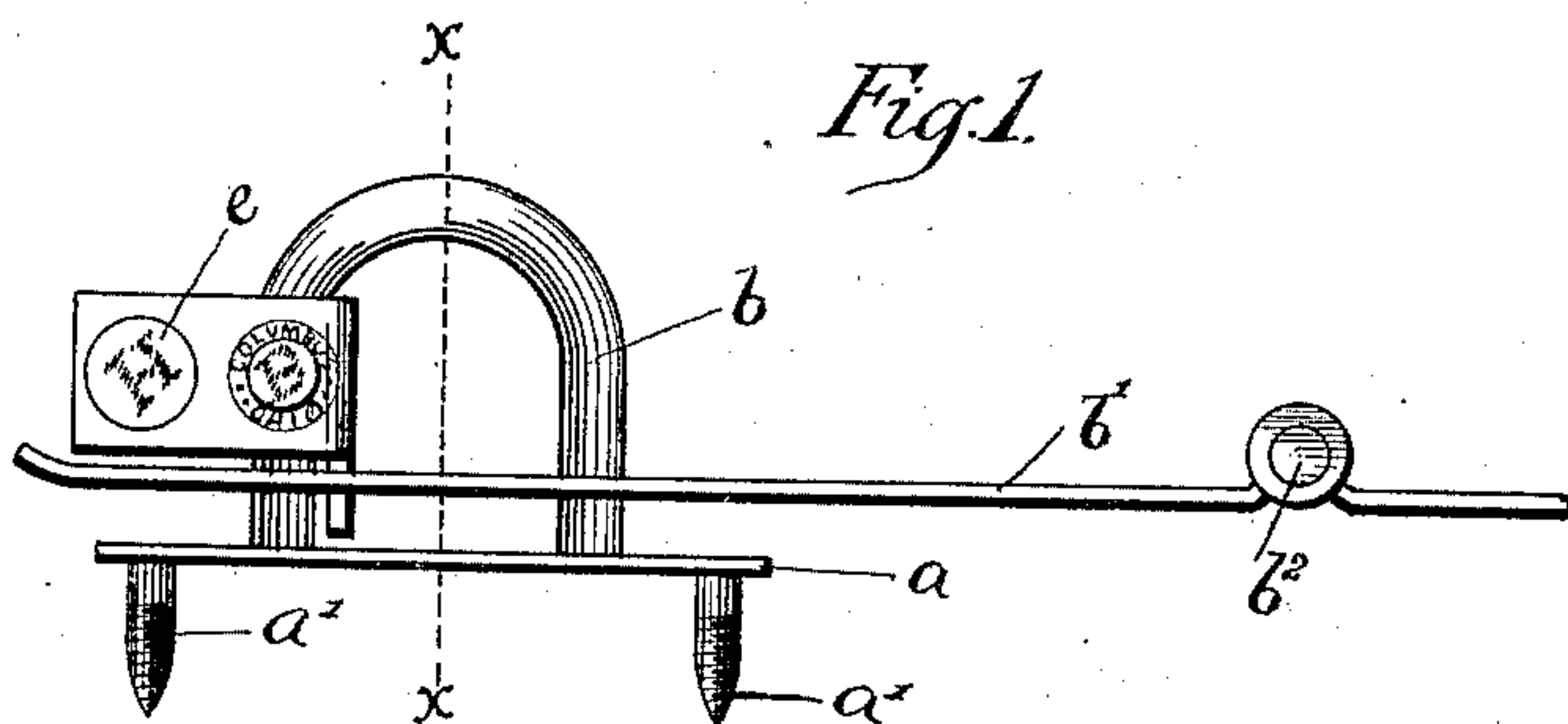


Fig. 2.

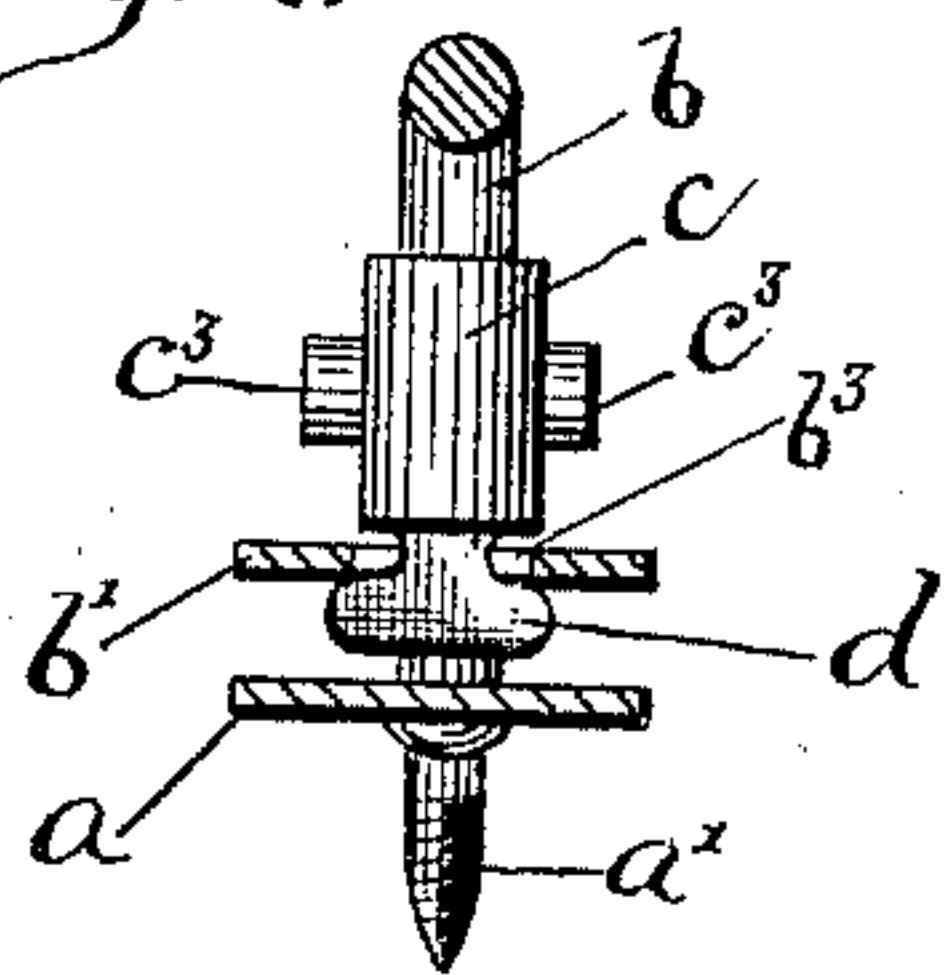


Fig. 3.

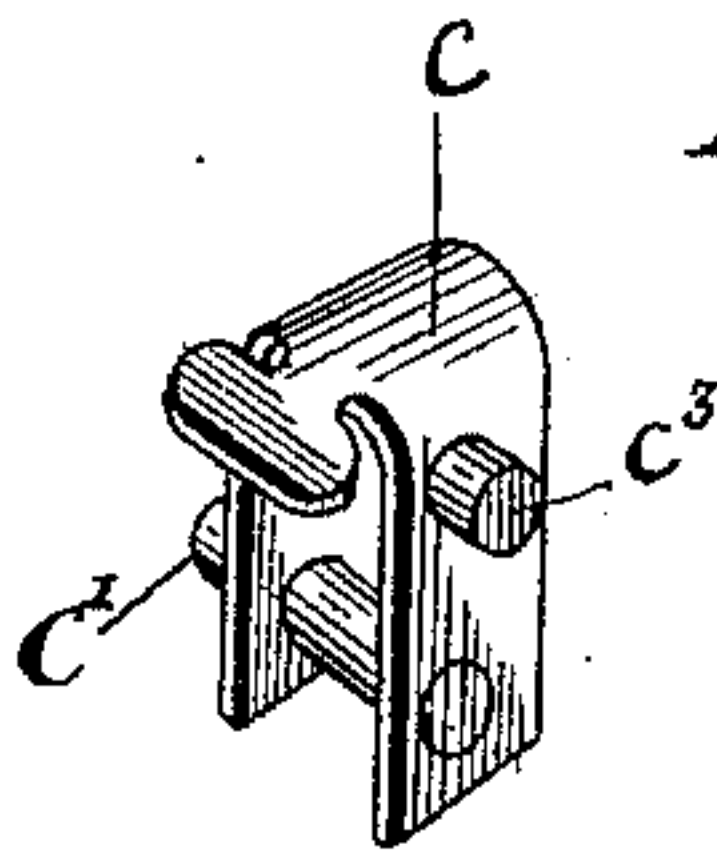


Fig. 4.

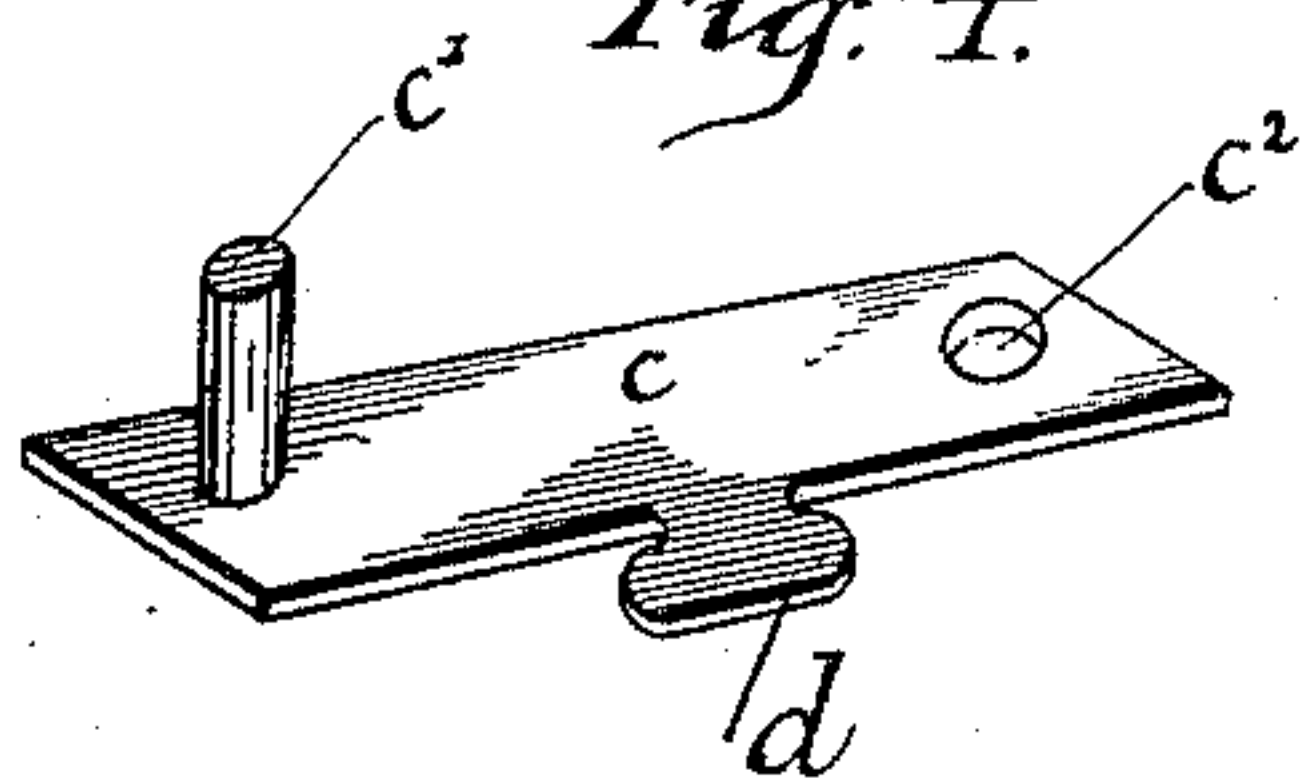


Fig. 5.

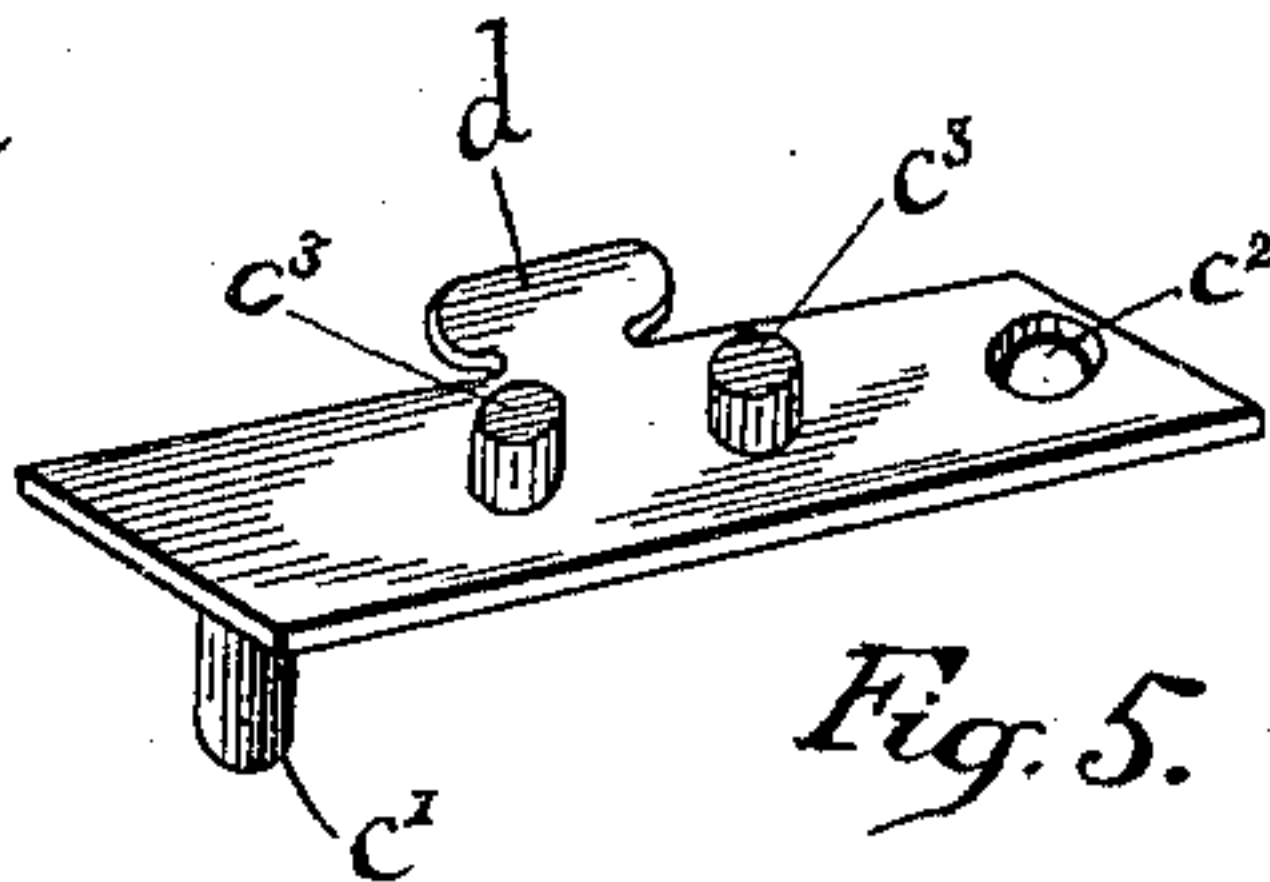
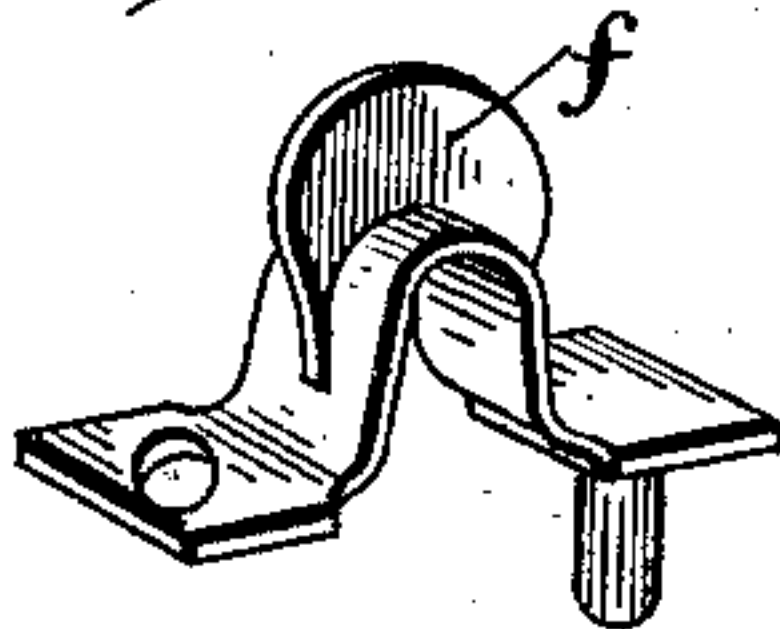


Fig. 6.



Witnesses

J. H. Traver
H. B. Bradshaw

Inventor

George J. Saurbrey

By *his* Attorneys

Staley and Shepherd

UNITED STATES PATENT OFFICE.

GEORGE J. SAURBREY, OF COLUMBUS, OHIO.

HASP-SEAL.

SPECIFICATION forming part of Letters Patent No. 474,411, dated May 10, 1892.

Application filed April 29, 1891. Serial No. 390,933. (No model.)

To all whom it may concern:

Be it known that I, GEORGE J. SAURBREY, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented a certain new and useful Improvement in Hasp-Seals, of which the following is a specification.

My invention relates to the improvement of hasp-seals of that class adapted for use in temporarily locking or sealing cases, car-doors, &c.

The objects of my invention are to provide a seal for hasps of this class of superior construction and arrangement, by means of which a hasp may be so sealed as to prevent the latch-plate being disengaged therefrom without mutilating the seal, to produce said device in a simple and inexpensive form, and admit of its being applied in a rapid and reliable manner. These objects I accomplish in the manner illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of a hasp having its latch-plate sealed by my improved seal. Fig. 2 is a sectional view on line $x x$ of Fig. 1. Fig. 3 is a view in perspective of my improved seal when the body thereof is bent to the sealing position. Fig. 4 is an inner face view of the seal-strip before bending. Fig. 5 is an outer face view of the seal-strip before bending, and Fig. 6 is a view in perspective of a modified form of seal.

Similar letters refer to similar parts throughout the several views.

a represents the usual rigid hasp-plate, which is secured by screws a' or otherwise to the frame-work of a box or car to be latched and sealed. From this plate a projects outwardly in the usual manner the arched end of a staple b .

b' represents the latch-plate, which is hinged at b^2 or jointedly connected with a car-door or box-lid or other receptacle to be locked or sealed. The latch-plate b' is provided with the usual slotted opening in its forward portion, as indicated at b^3 , through which the staple b passes loosely, as shown.

c represents my improved sealing-strip, the body of which, as shown, consists of an oblong thin plate or strip of lead or other similar soft metallic substance. This strip c has formed near one end thereof and on its inner

side a pin c' , which projects at right angles from the strip-body. In the opposite end portion of the strip c is formed a pin-hole c^2 of a size adapted to receive loosely the pin c' .

c^3 represents two stop-pins, which are formed integral with the strip c and which project from the central portion of the outer side of said strip on opposite sides of the center of the length thereof. From the center of one of the longer edges of the strip c , which when said strip is in use becomes the lower edge, projects, as shown, a T-shaped lug or key d , the stem of which is formed integral with said strip c .

The manner of utilizing my improved seal is as follows: The latch-plate b' having been dropped over the staple b in the usual manner, the seal-strip c is so supported as to enable the operator to insert the flat head of the laterally-projecting lug d of said strip longitudinally within the slot b^3 of the latch-plate. When in this position, the seal-strip is bent at the center of its width on its inner side, where, as shown, the body of said strip is somewhat thinner than elsewhere to embrace one of the arms of the staple b . In bringing the end portions of the strip together the pin c' is made to enter, as shown, the pin-hole c^2 , and said strip is so turned as to bring the longer lower portion of the lug d transversely beneath the slot b^3 , as shown in Fig. 2 of the drawings. This having been accomplished, the outer projecting end portion of the pin c' and the opposite outer side of the strip are grasped between the jaws of a suitable pair of sealing-pliers and compressed until the end portions of said sealing-strip are not only clamped toward each other, but the projecting head of the pin c' is riveted or flattened against the outer side of the strip, as shown at e in Fig. 1. Upon this seal-head e may be impressed, as shown, any desired letter, design, or trademark, which may be produced by suitable die projections on the jaws of the pliers. It is obvious that when in the last-described position the lug d of the sealing-strip, owing to its position beneath the slot b^3 , will be prevented from being withdrawn therefrom, and thus serves to insure the seal-strip in its position. As an additional precaution against the escape of the seal-strip through the latch-plate slot or an undesirable upward movement of

said latch-plate, I provide the seal-strip with the projecting stop-pins c^3 .

From the construction and arrangement herein shown and described it is obvious that the latch-plate will be securely sealed against disengagement from the staple d and that said seal cannot be removed without mutilating the same. The soft material of which said seal-strip and its projections are formed will admit, however, of its being readily severed by a knife at its destination.

As shown in Fig. 6 of the drawings, I may employ a modified form of seal-strip which differs from that above described only in having its central portion provided with an outwardly-projecting flattened lug f , which serves the purpose of the two oppositely-located pins c^3 of the first-described seal.

I am aware that a seal-strip has been employed heretofore wherein the ends of the strip were connected by a seal-pin; but my invention differs from such construction in the form and construction set forth in the claims.

Having now fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a hasp and seal therefor, the combination, with the fixed plate a , its projecting staple or keeper b , and hinged and slotted latch-plate

b' , of a soft metallic seal-strip c , a pin c' , formed integral with and projecting from one end of said strip, a pin-opening c^2 in the opposite end thereof, and a central laterally-projecting T lug or key d , substantially as specified.

2. In a hasp-seal, the soft metallic strip c , pin c' , projecting from one end thereof and formed integral therewith, pin-opening c^2 on the opposite end of said strip, and one or more stop projections c^3 , formed with and projecting from the outer surface of said seal-strip, substantially as specified.

3. In a hasp and seal therefor, the combination, with the fixed plate a , staple b , projecting therefrom, a slotted latch-plate b' , through the slot of which loosely passes said staple, of soft metallic seal-strip c , pin c' , formed with and projecting from one end of said strip c , an opening c^2 on the opposite end of said strip, a T-lug d , projecting, as described, from one edge of said strip, and one or more stop-pins c^3 , projecting from the outer side of said seal-strip, substantially as and for the purpose specified.

GEORGE J. SAURBREY.

In presence of—

BARTON GRIFFITH,
C. C. SHEPHERD.