

(No Model.)

E. REIST.
BAG FASTENER.

No. 461,848.

Patented Oct. 27, 1891.

Fig. 1.

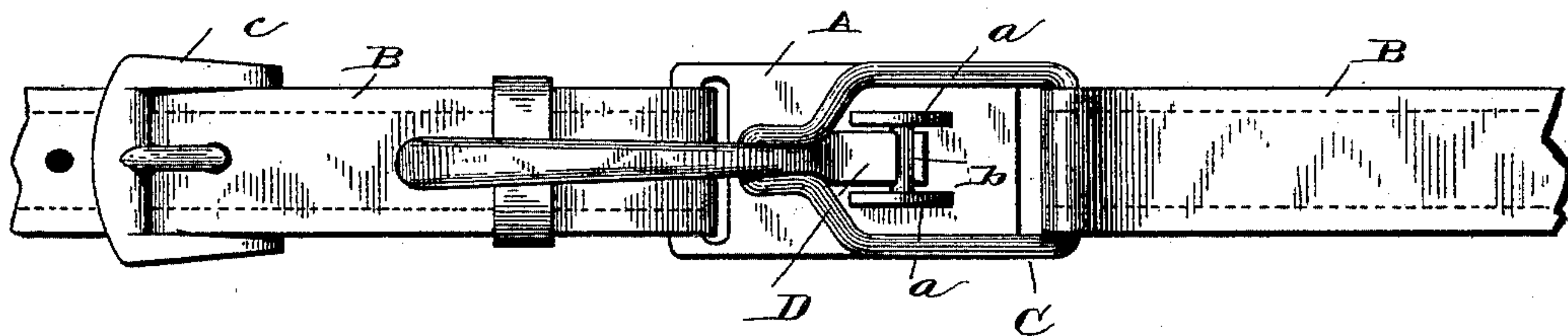


Fig. 2.

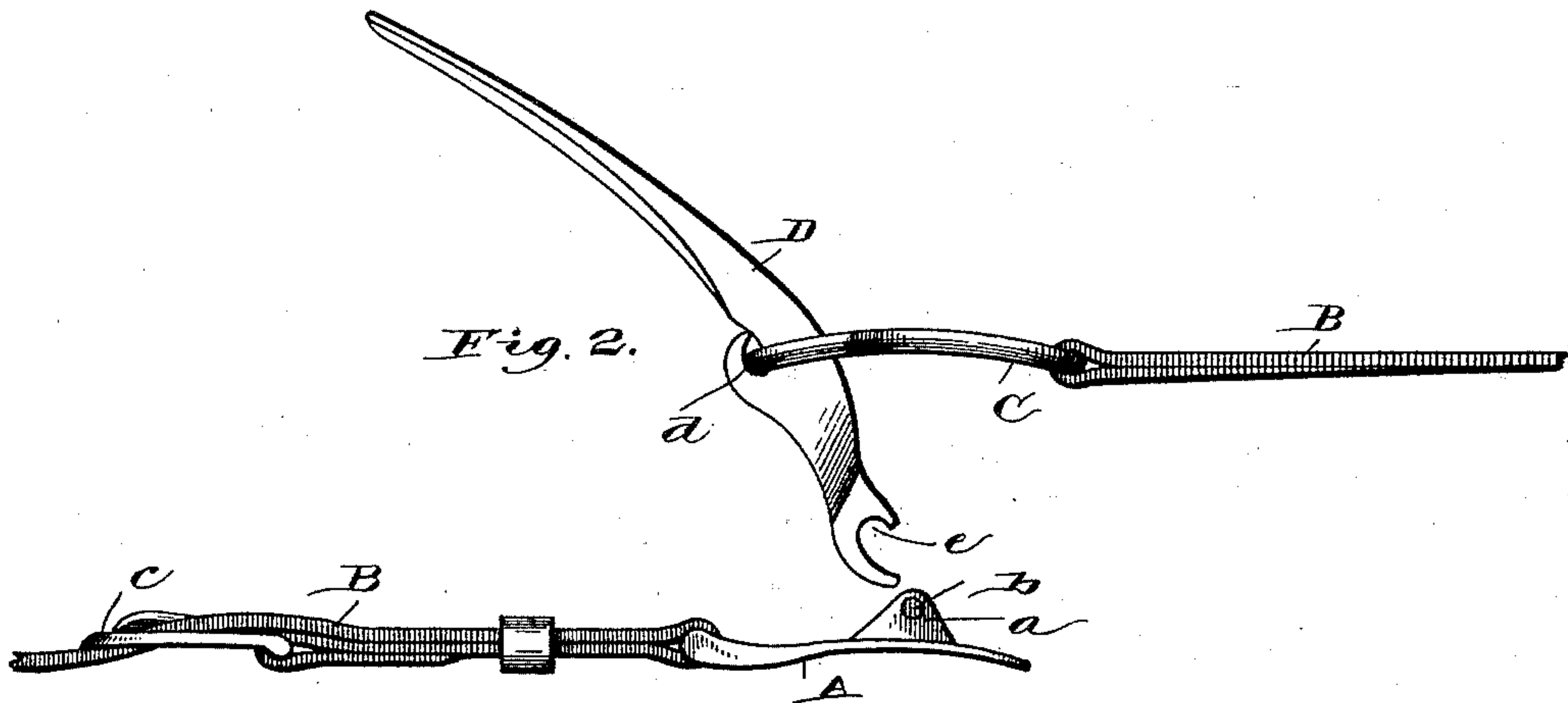
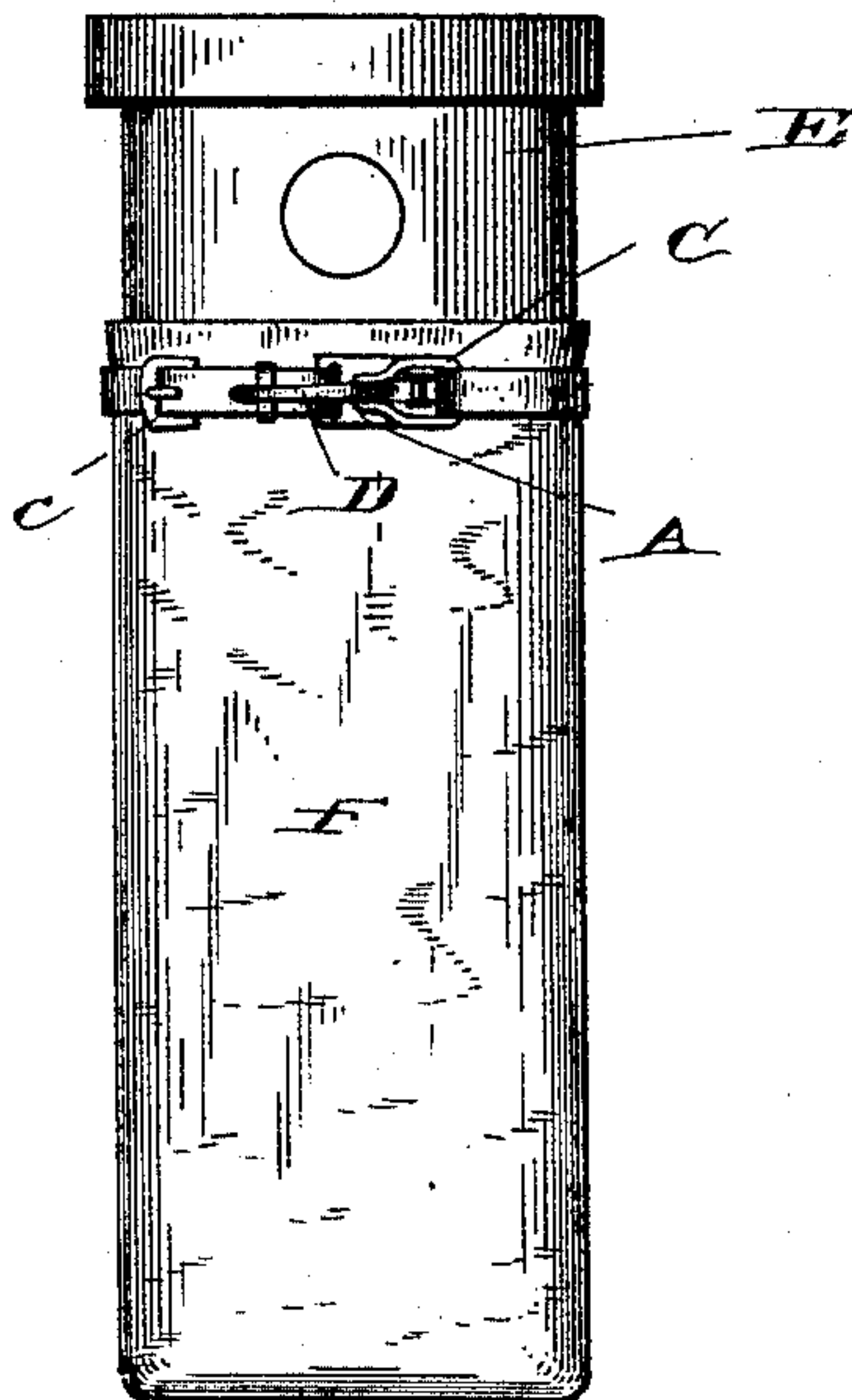


Fig. 3.



WITNESSES:

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BAG-FASTENER.

SPECIFICATION forming part of Letters Patent No. 461,848, dated October 27, 1891.

Application filed January 21, 1891. Serial No. 378,547. (No model.)

To all whom it may concern:

Be it known that I, ELIAS REIST, a citizen of the United States, residing at Hamburg, in the county of Erie and State of New York, have invented certain new and useful Improvements in Bag-Fasteners; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to an improved lever-clasp in connection with a leather belt for holding bags to the spouts in flour and feed mills and other places, the object being certainty and celerity in fastening and unfastening; and the invention consists, principally, in the construction and working of the clasp, as fully hereinafter described and claimed.

In the drawings, Figure 1 is a top plan showing the clasp in connection with the belt; Fig. 2, a side elevation; Fig. 3, a front elevation of a spout and feed-bag with my device in position.

A represents a metal plate, in the rear end of which is inserted a strap B, forming the belt that goes around the bag F when it is set on the spout E, as shown in Figs. 3 and 1. Near the other end and on top of the plate stand up two ears *a a*, having a cross-bar *b* firmly attached thereto, leaving a small space between it and the plate. Fastened to the other end of the belt B is a stirrup C, in the narrow end of which is set or hinged a combined lever-handle D, ending in a catch *e*, the handle part acting as a lever and the hinged part the purchase, the hook *e* catching around the bar *b'*, as in Fig. 1.

In devices of this kind it is very desirable that they be made both cheap and durable, and I find that the construction which I have shown and described will accomplish these objects very well. With the plate A the lugs *a a* are cast integral and only need to have holes drilled through them for the re-

ception of the cross-bar *b*, which is thus secured at both ends, and consequently is more substantial than if it were only secured at the middle with each of its ends projecting to engage with the fastener on some other portion of the device. The link or stirrup C is made out of a continuous wire or piece of material having one of its ends compressed or narrowed, which thus makes a very strong and durable construction; but by making the link continuous it requires that the handle D be made in such a manner that it can have the link connected with it. To do this the handle is provided upon its under or inner side with a spur or lip *d*, which forms a recess or seat for the link and which can have its end bent down toward or against the handle to secure the link in place and keep it from coming out. In this way the handle can be stamped out of a flat sheet or plate of metal with the notch *e* at the end and the lip ready for the link. In assembling the parts all that is necessary is to insert the cross-bar in the ears and place the narrowed portion of the link in the recess in the handle and bend the point of the lip down toward the handle and attach the parts to the strap B.

The operation is as follows: The belt B is fastened to the sides of the mill-spout by vertical straps or otherwise. The bag F is pulled over the spout a little way and the belt B adjusted around it by the buckle *c*. The lever-handle D is grasped and the catch *e* set on the cross-bar *b*. The handle is then forced down flat against the strap, which thus draws the parts tightly together and locking the clasp. The greater the tension the stronger it holds. To unfasten and release the bag from the spout when filled, the lever-handle is merely thrown up and the catch *e* at once leaves the bar *b*, and the whole is loosed in an instant, ready for the next bag. It entirely dispenses with all hooks, studs, &c., which are in the way and tear the bags.

The belt can be adjusted to fit any round or square spout by the buckle *c* and kept buckled. One of these belts is permanently attached to each spout.

I claim—

In a bag-fastener, the combination of the plate A, having two perforated ears *a a*, a cross-bar *b* in said perforations, a continuous link or stirrup C, having one of its ends con-
5 tracted or narrowed, and a handle having a spur and a recess upon its inner side for the reception and retention of the narrowed portion of the link and having a notch in its end

to engage with the cross-bar between the ears of the plate A, substantially as described. 10

In testimony whereof I affix my signature in presence of two witnesses.

ELIAS REIST.

Witnesses:

J. R. DRAKE,

EUGENIA LESSLER.