

A. LODDE.

Bag-Ties.

No. 152,236.

Patented June 23, 1874.

FIG. 1.



FIG. 2.

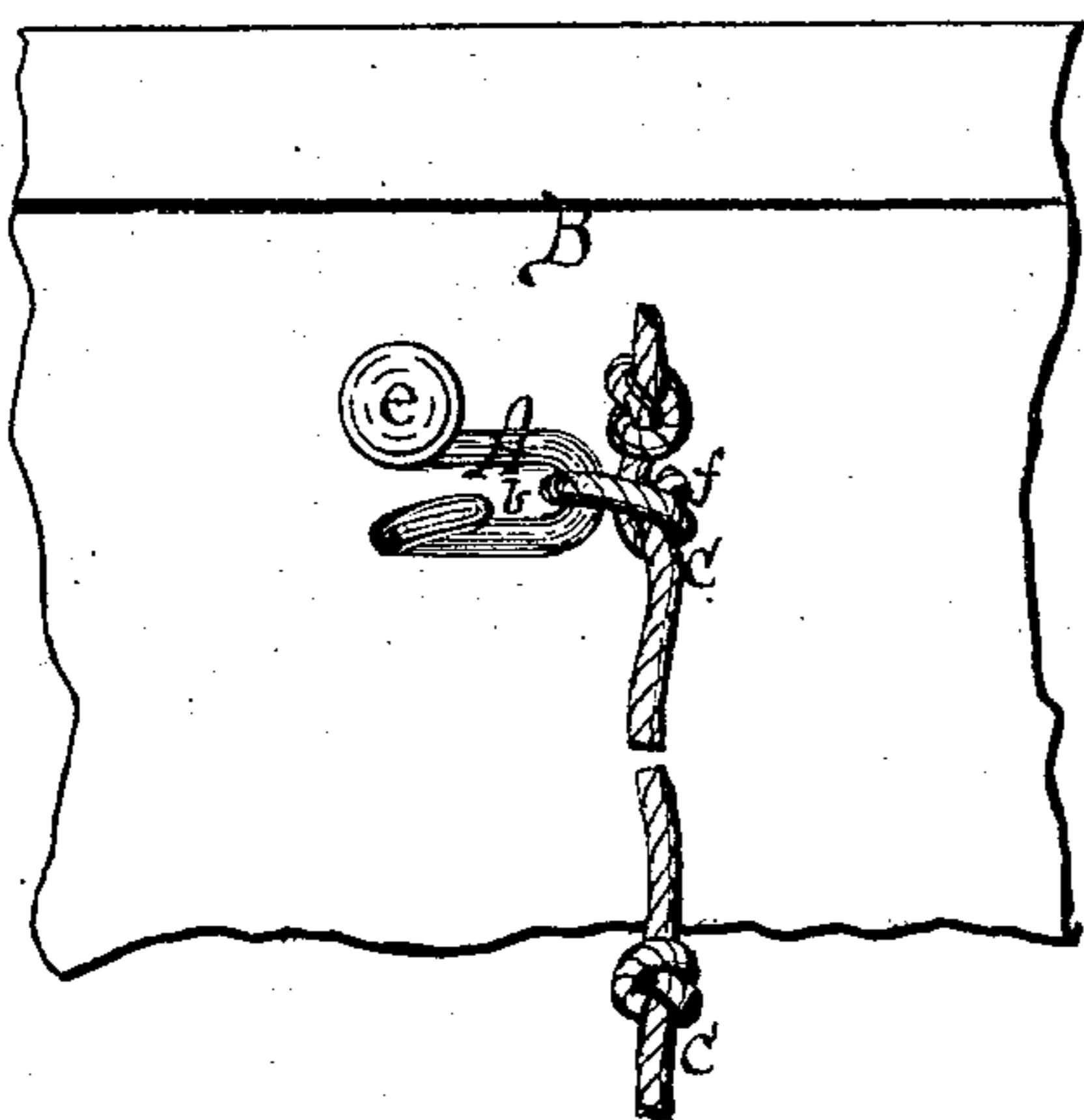


FIG. 3.

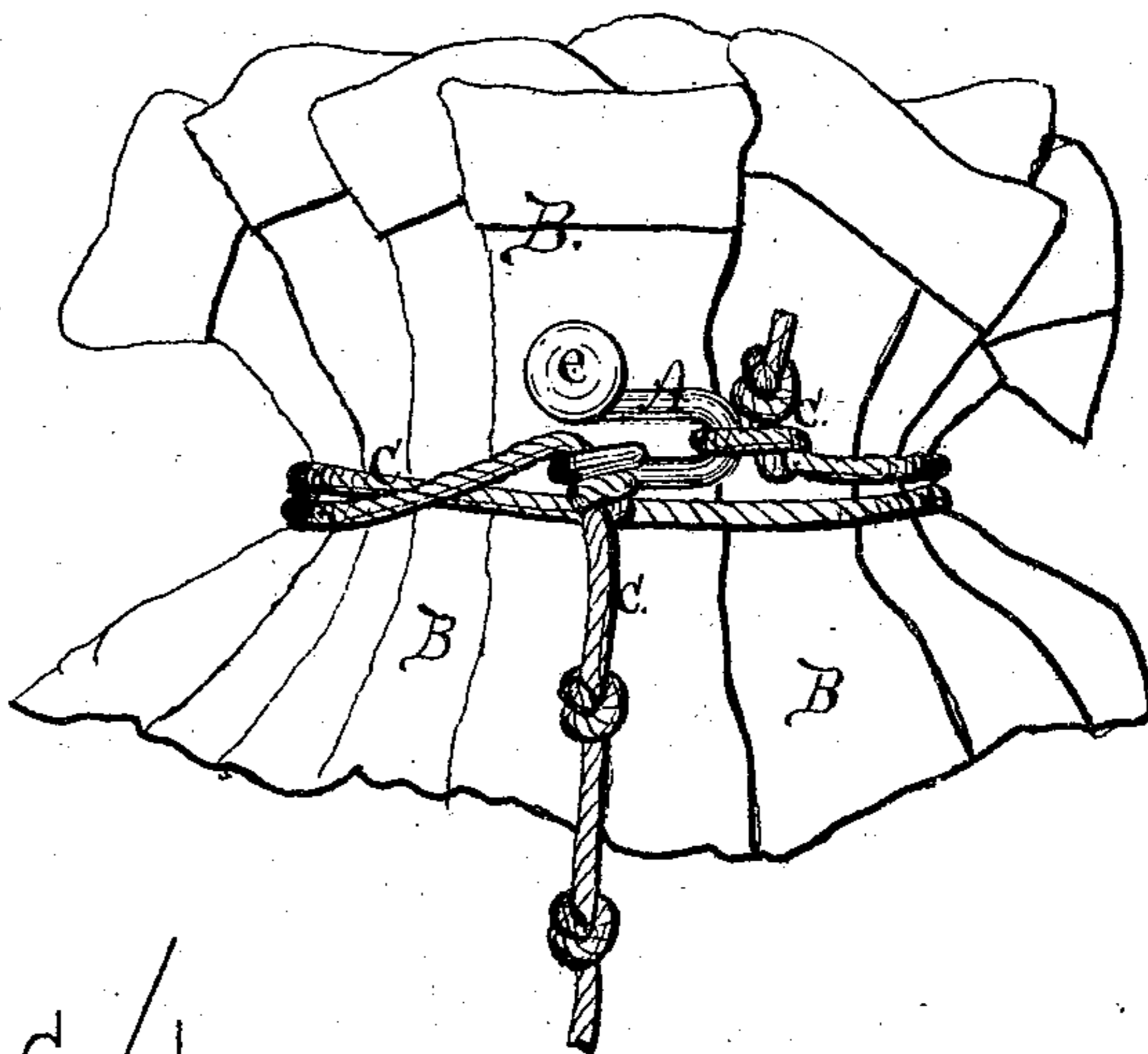
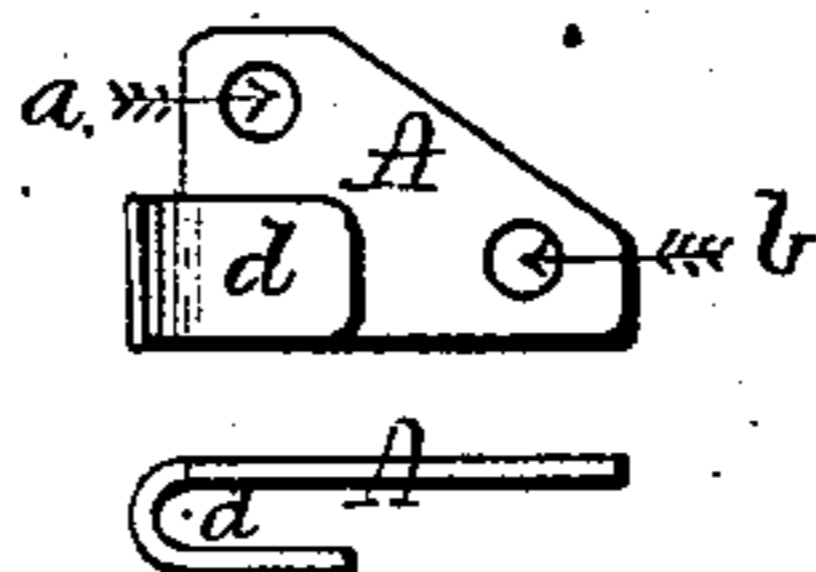


FIG. 4.



Witnesses.

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UNITED STATES PATENT OFFICE.

AUGUST LODDE, OF ST. PAUL, MINNESOTA.

IMPROVEMENT IN BAG-TIES.

Specification forming part of Letters Patent No. **152,236**, dated June 23, 1874; application filed April 2, 1873.

To all whom it may concern:

Be it known that I, AUGUST LODDE, of St. Paul, in the county of Ramsey and State of Minnesota, have invented certain Improvements in Bag-Ties, of which the following is a specification:

My invention is designed for the tying of bags, bales, sails, and other articles.

In the drawings, Figure 1 represents a hook. Fig. 2 represents the hook and the tying-cord as attached to a common grain-bag. Fig. 3 represents the neck of a bag after it has been tied with such apparatus. Fig. 4 represents a modification of my hook.

My bag-tie consists of two parts—a hook, formed usually of wire, and a knotted cord. The hook has three principal features, viz: First, an eye, *a*, by which it is fastened to the cloth at one end by means of the rivet *e*; second, a loop, *b*, at the other end, through which and a portion of the fabric the cord passes, keeping the hook in a position parallel to the mouth of the bag; and, third, from the loop the hook is turned backward toward the rivet, and then upward and forward, with the point toward the loop, as shown at *d*. *C* is a cord, which is passed through the bag at *f*, emerging in the loop *b*, and is then tied with a slip-knot, as shown, or in any other manner. The cord *C* is knotted at convenient points, and

when the neck of the bag is gathered together, as shown in Fig. 3, the cord is passed around it in the direction opposite to the rivet as many times as may be requisite, and inserted in the hook, where a knot will hold it firmly; and as the hook is attached at each end to the bag, namely, by the rivet and by the cord, so as to be at all times parallel with the mouth of the bag, it is plain that the bag can be tied or untied with great ease, and when tied the fastening is not liable to be easily deranged.

As a modification of my hook, I have shown, in Fig. 4, one that can be stamped from sheet metal and bent into form, as represented, which might prove an advantage in some cases. The eye, loop, and hook are represented by the same figures as in Fig. 1.

I claim as my invention—

A bag-tie formed of two parts, viz., a hook and a knotted cord, when the hook is parallel with the mouth of the bag, fastened to the cloth by a rivet at one end, and by the cord at the other, and is then turned backward, upward, and forward, substantially as described, and for the purpose set forth.

AUGUST LODDE.

Witnesses:

JAMES F. SALSURY,
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