

(No Model.)

M. C. KIMBALL.
DEVICE FOR TYING BAGS.

No. 410,978.

Patented Sept. 10, 1889.

Fig. 1.

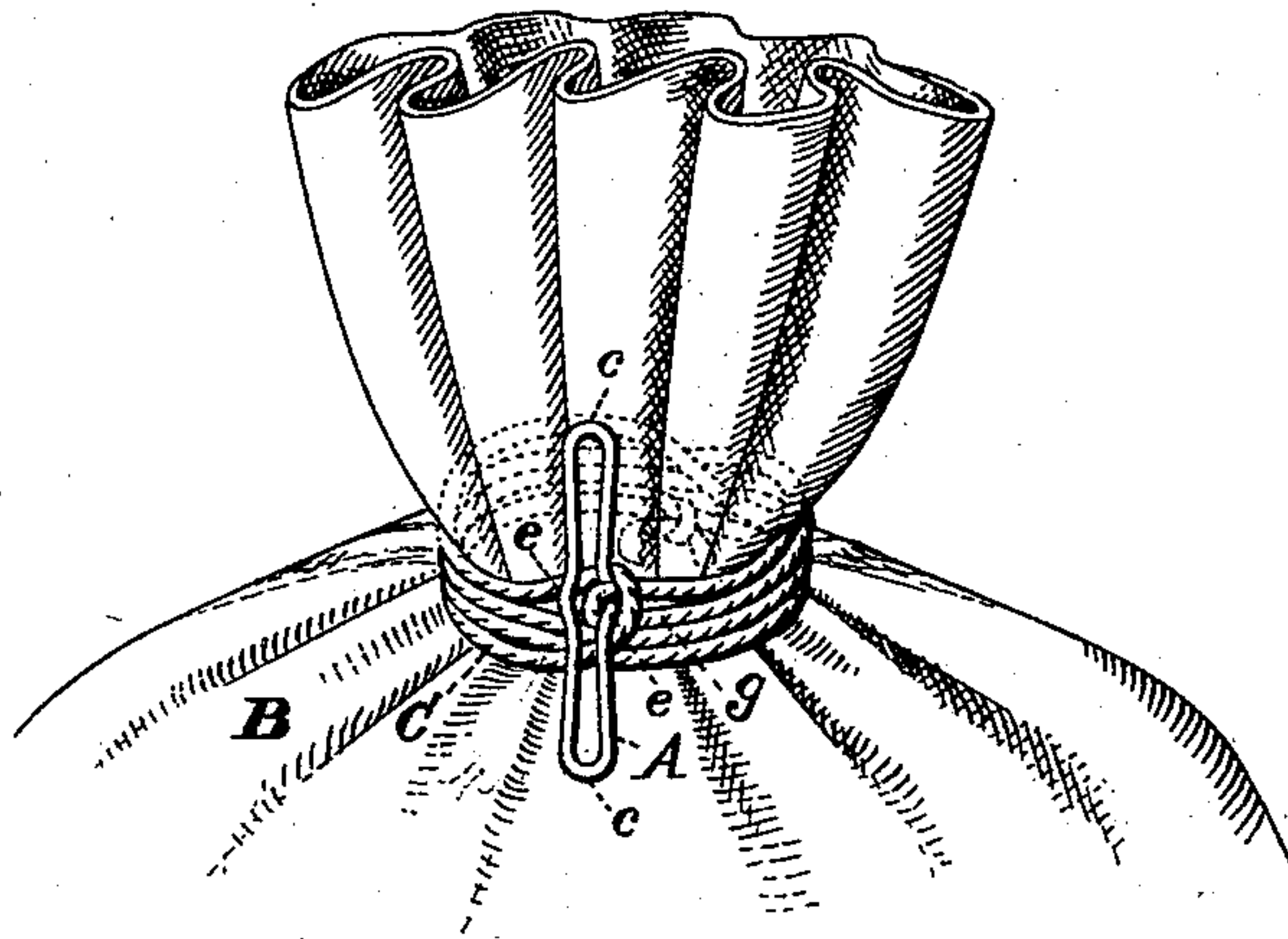


Fig. 2.

A

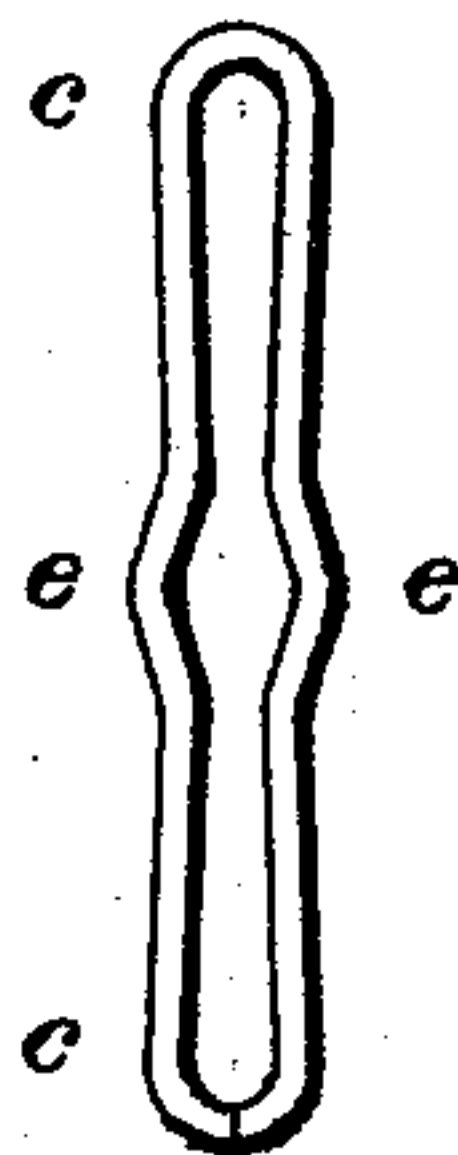


Fig. 3.

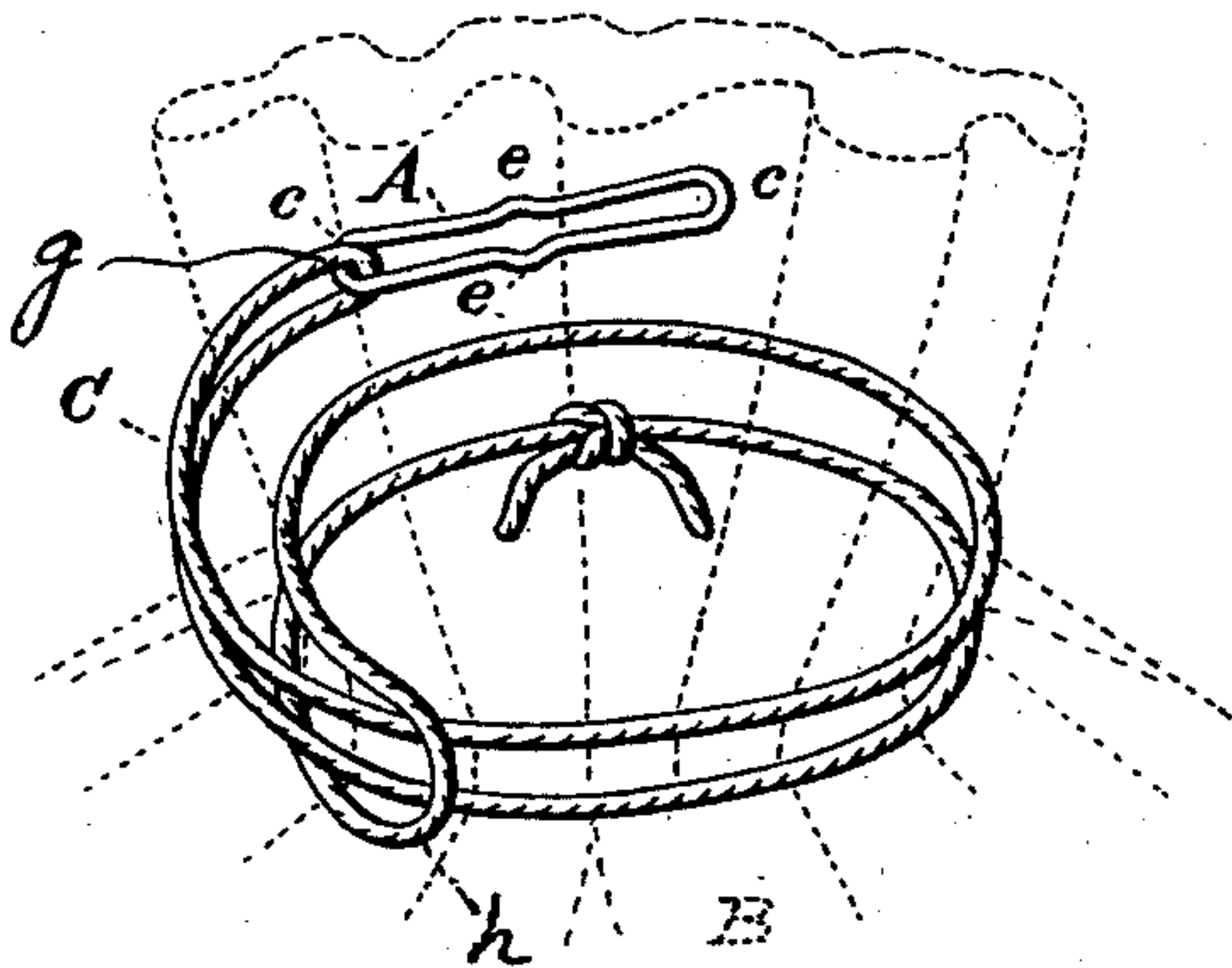
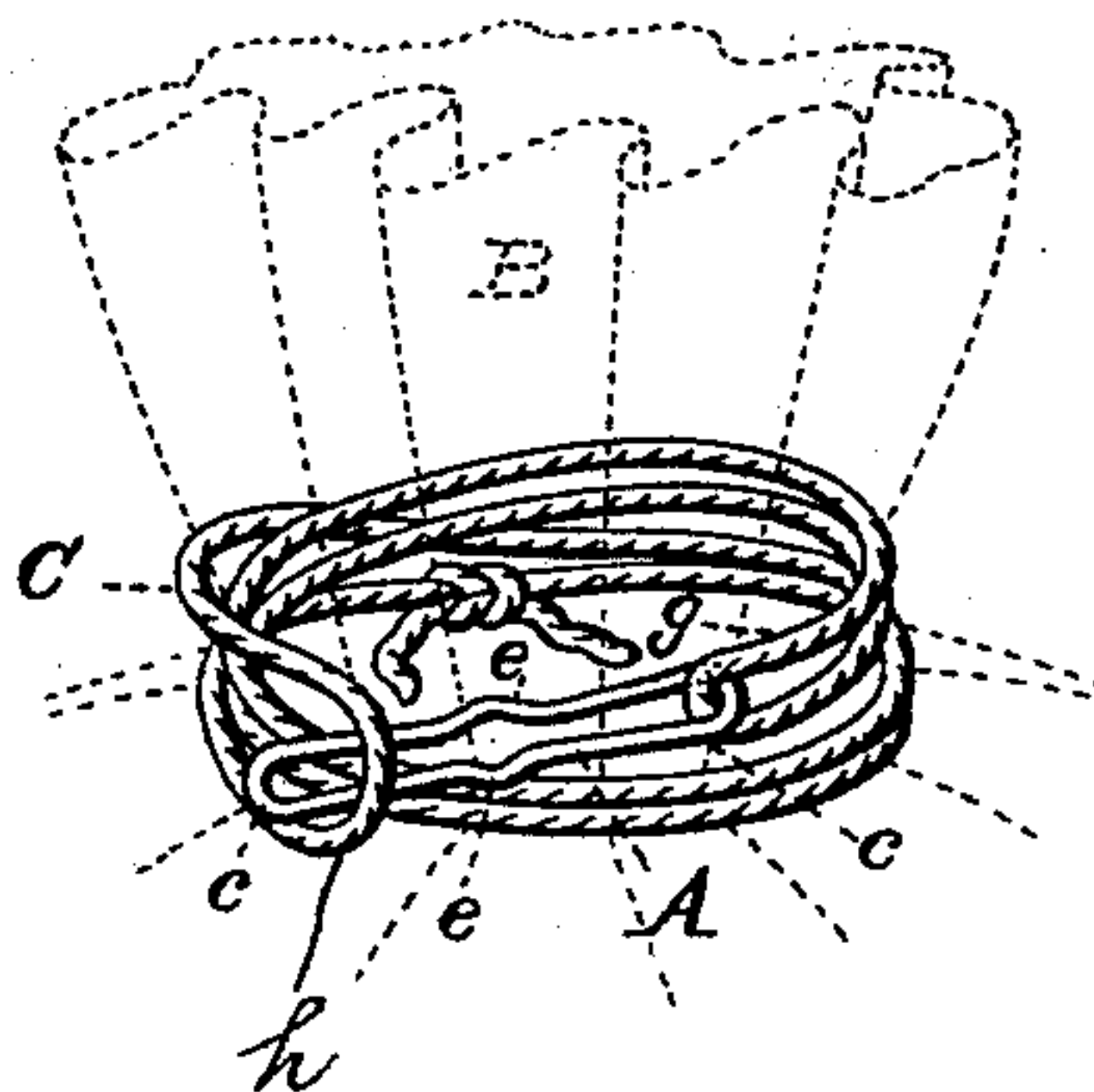


Fig. 4.



WITNESSES

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UNITED STATES PATENT OFFICE.

MADISON CLARK KIMBALL, OF ELKLAND, PENNSYLVANIA, ASSIGNOR OF
ONE-HALF TO CHARLES L. PATTISON, OF SAME PLACE.

DEVICE FOR TYING BAGS.

SPECIFICATION forming part of Letters Patent No. 410,973, dated September 10, 1889.

Application filed July 12, 1889. Serial No. 317,330. (No model.)

To all whom it may concern:

Be it known that I, MADISON CLARK KIMBALL, a citizen of the United States, and a resident of Elkland, in the county of Tioga and State of Pennsylvania, have invented certain new and useful Improvements in Devices for Tying Bags, Sacks, &c.; 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 letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of this invention, and is a perspective view. Fig. 2 is a front view of the fastening-key. Fig. 3 is a perspective view showing the manner of winding the cord around the bag. Fig. 4 is a perspective view showing the cord about to be fastened.

This invention relates to devices for securing bags, packets, and other like baggage; and it consists in the novel construction and combination of parts, as hereinafter described, and pointed out in the claim.

In the accompanying drawings, the letter A designates an elongated fastening key or clasp securing the bag B by means of the double cord C. The clasp is constructed of a single piece of stout wire bent out from its opposite points in the same direction and the ends thus formed bent downward until their extremes meet, as shown. The free ends of the wires are joined together to form the elongated key or clasp A, consisting of the opposite loop portions *c*, having opposite outwardly-curved central bearings *e* for the loop *g* of the binding-cord C, when the key or clasp is applied to secure the bag, as shown.

In order to secure the bag, a length of cord is doubled and the free ends knotted together

to form a binder having double loops *g h*, sufficiently long to encircle the gathers at the mouth of the bag one or more times, the key A having been strung on the single cord before knotting the ends. The double cord is now disposed around the mouth of the bag and the clasp introduced through the loop *h*, carrying the cord attached to it around the bag opposite to the direction of the loop *h*, previously entered, until the clasp is in position to engage the same loop from the opposite side. The clasp is now introduced endwise through the same loop, when by using the said clasp as a lever its attending loop *g* is drawn through loop *h*. The clasp is now turned at right angles to the binding-cord and forced transversely across the loop *h* until the attending loop *g* shall rest in the adjacent curved bearing *e* of the clasp. The bag is now securely fastened, and cannot be released without slipping the clasp from its present engagement, the elasticity of the cord or bag and the bearing *e* sufficing to retain the key in the proper transverse position to make a complete fastening.

What I claim as new, and desire to secure by Letters Patent, is—

The bag or package fastener consisting of the double binding-cord and the link or clasp having its sides curved outward in opposite directions at the center, forming seats or bearings for the said cord, said cord being passed before doubling through said link or clasp, substantially as set forth.

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

MADISON CLARK KIMBALL.

Witnesses:

WM. D. MILES,

W. B. FOOTE,

R. K. SKINNER.