

(No Model.)

L. A. FISH.
Bag Tie.

No. 234,011.

Patented Nov. 2, 1880.

Fig: 1.

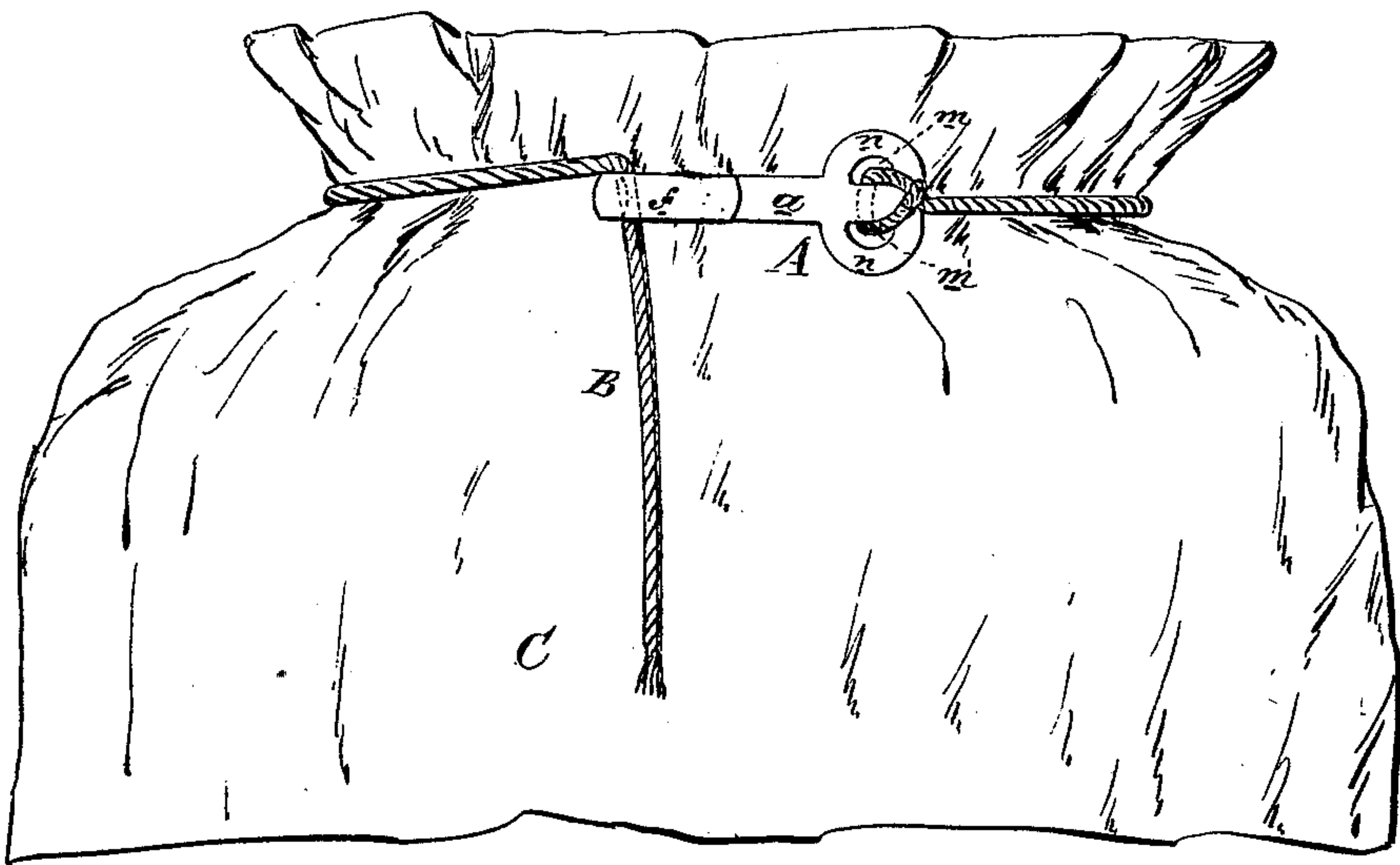


Fig: 2.

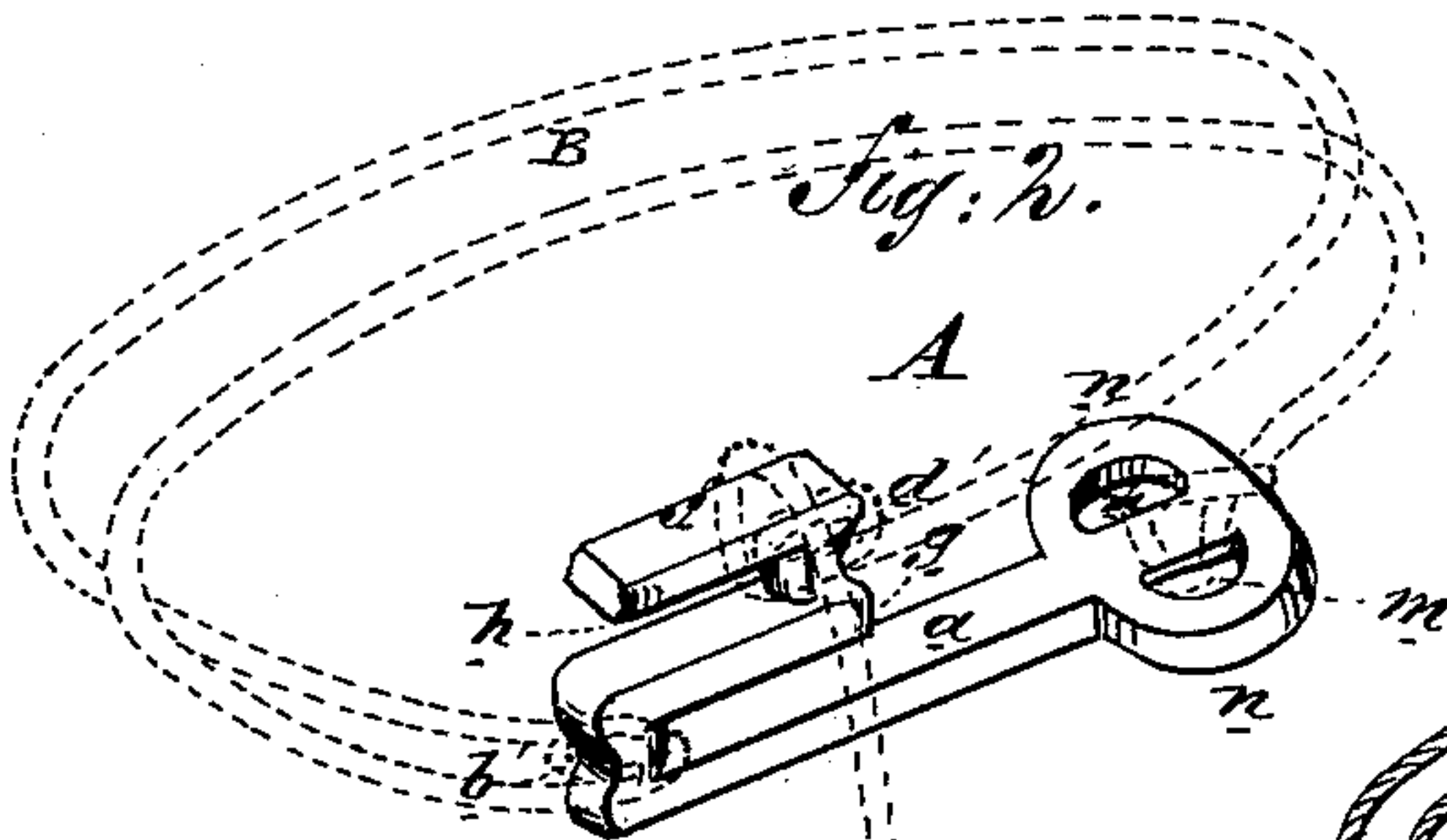


Fig: 3.

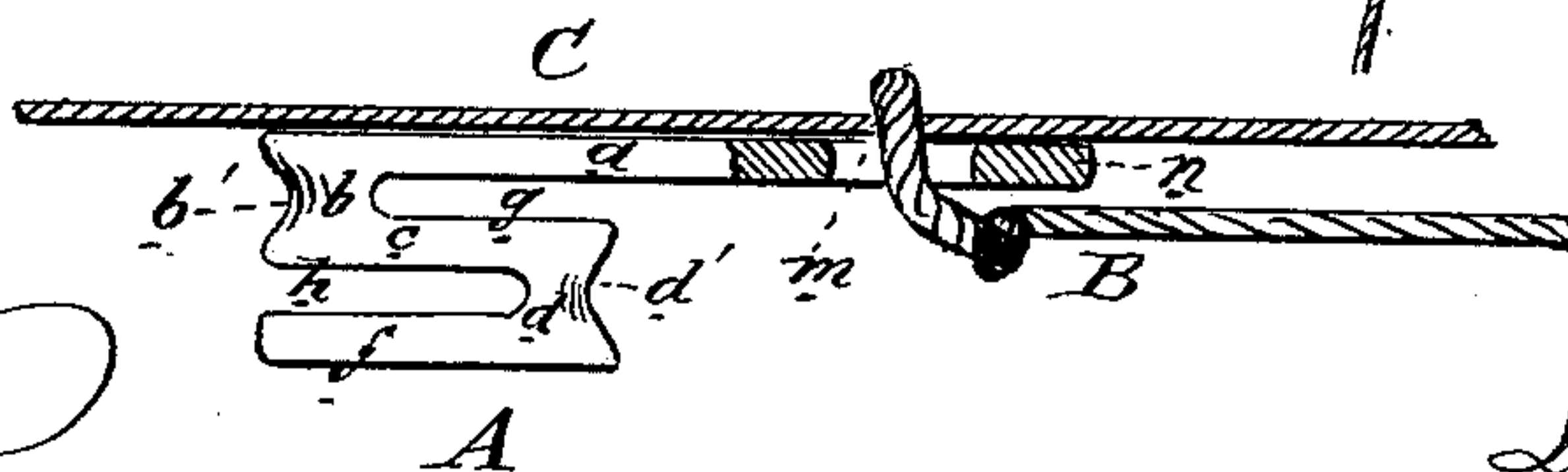
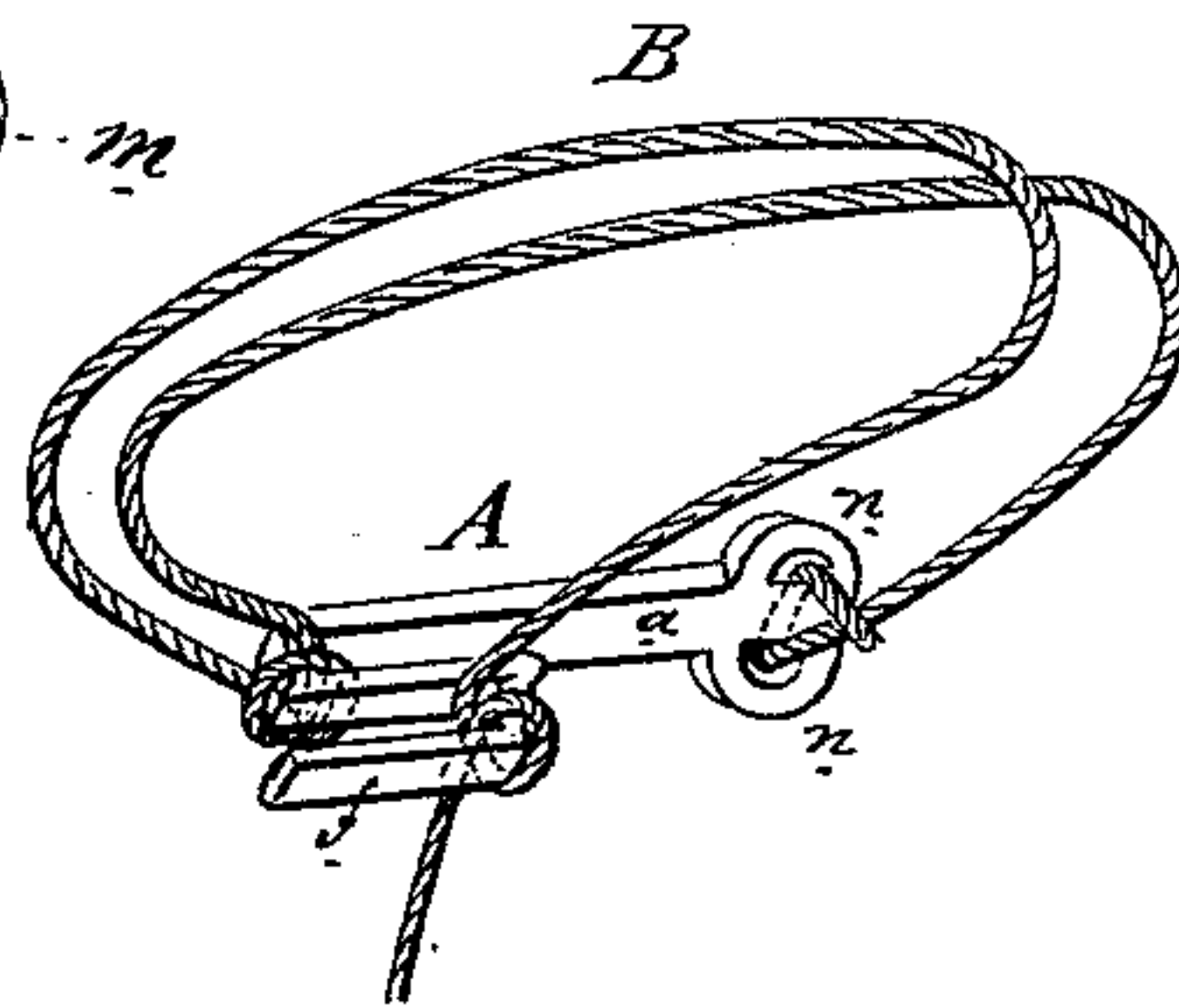


Fig: 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

LEWIS A. FISH, OF FARIBAULT, MINNESOTA.

BAG-TIE.

SPECIFICATION forming part of Letters Patent No. 234,011, dated November 2, 1880.

Application filed August 2, 1880. (No model.)

To all whom it may concern:

Be it known that I, LEWIS A. FISH, of Faribault, in the county of Rice and State of Minnesota, have invented a new and Improved Bag-Tie, of which the following is a specification.

The object of this invention is to provide a simple, inexpensive, and convenient bag-tie.

The invention consists of a double-eyed double hook whose hooked end is formed by bending the end up at right angles to the shank, then along the shank of the hook and parallel therewith, then upward again at right angles, and finally back on itself and parallel with the shank, and whose eyes are formed on the other end of the shank by loops extending laterally on either side thereof, or by suitably piercing, drilling, or casting the broad end of the shank.

Figure 1 is a front elevation, representing the tie and its cord in place on a bag. Fig. 2 is a perspective view of the hook. Fig. 3 is a partly sectional plan view, showing the manner of attachment of the tie to a bag. Fig. 4 is a perspective view, showing the tie as secured by a double turn of the cord around the bag.

Similar letters of reference indicate corresponding parts.

In the drawings, A represents the hook, of which *a* is the shank, *b* the first rectangular bend thereof, slightly curved or channeled on its outer face, as shown at *b'*, for the better holding of a turn of the cord B. *c* is that part of the hooked end that extends toward the top of the hook and parallel with the shank *a* thereof. *d* is the second rectangular bend, slightly curved or channeled on its outer face, as shown at *d'*, the better to hold a turn of the cord B; and *f* is the last bend, that extends from the part *d'* toward the end of the hook and parallel with the shank thereof. The space or slot *g*, between the shank *a* and the bend *c*, and the slot-space *h*, between the bends *c* and *f*, are of sufficient width to readily admit the cord B and of sufficient length to permit two or more turns of said cord B.

At the top of the hook A are the two semi-circular eyes, *m m*, severally formed by the loops *n n* on either side of the shank *a*.

The hook A is secured to a bag, C, by pass-

ing one end of the cord B in through one eye, *m*, and through the fabric of the said bag C, and then reversing said end of the cord B and passing it out through the fabric of said bag C and through the other eye, *m*, and then securing said cord end by a knot or by tying it to the extension of said cord B. Then the hook A is secured to the bag C and to the cord B by the same operation.

In tying the bag C the mouth thereof is gathered in the left hand, the tie projecting to the front and the cord B to the rear, or toward the operator, the left thumb pressing on the eyes or loop of the tie A to hold it in position. The cord B is then passed around the bag C under the left hand, and is drawn up snugly on the opposite side and passed through the lower slot or space, *g*, whereby the cord is fastened by compression.

To make the fastening still more secure the cord B is wound once around the bend *b'* and again through the lower slot, *g*. For still greater security the cord B is then passed around the bag C in a reversed direction, and is then fastened in the upper slot, *h*, and around the bend *d'* in the same manner as in and around the first slot and bend, as indicated in Figs. 2 and 4. The bag C is thus quickly, easily, and securely fastened, and can be as easily unfastened.

With this tie it will be seen that every turn or application of the cord on the hook constitutes a positive fastening, of which no portion can work loose, even if the failure of any other portion were possible, the cord always being large enough to be properly compressed in the slots of the hook or tie.

This tie may be constructed of stout wire or of cast or wrought metal of any kind.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

In a bag-tie, the hook A, having straight shank *a*, rectangular curved-faced bend *b*, horizontal bend *c*, rectangular-curved faced bend *d*, horizontal bend *f*, and eyes *m m*, substantially as herein shown and described.

LEWIS AUSTIN FISH.

Witnesses:

R. A. MOTT,
C. C. PERKINS.