

(No Model.)

W. C. JOSLIN.
Bag Fastener.

No. 233,935.

Patented Nov. 2, 1880.

Fig. 2.

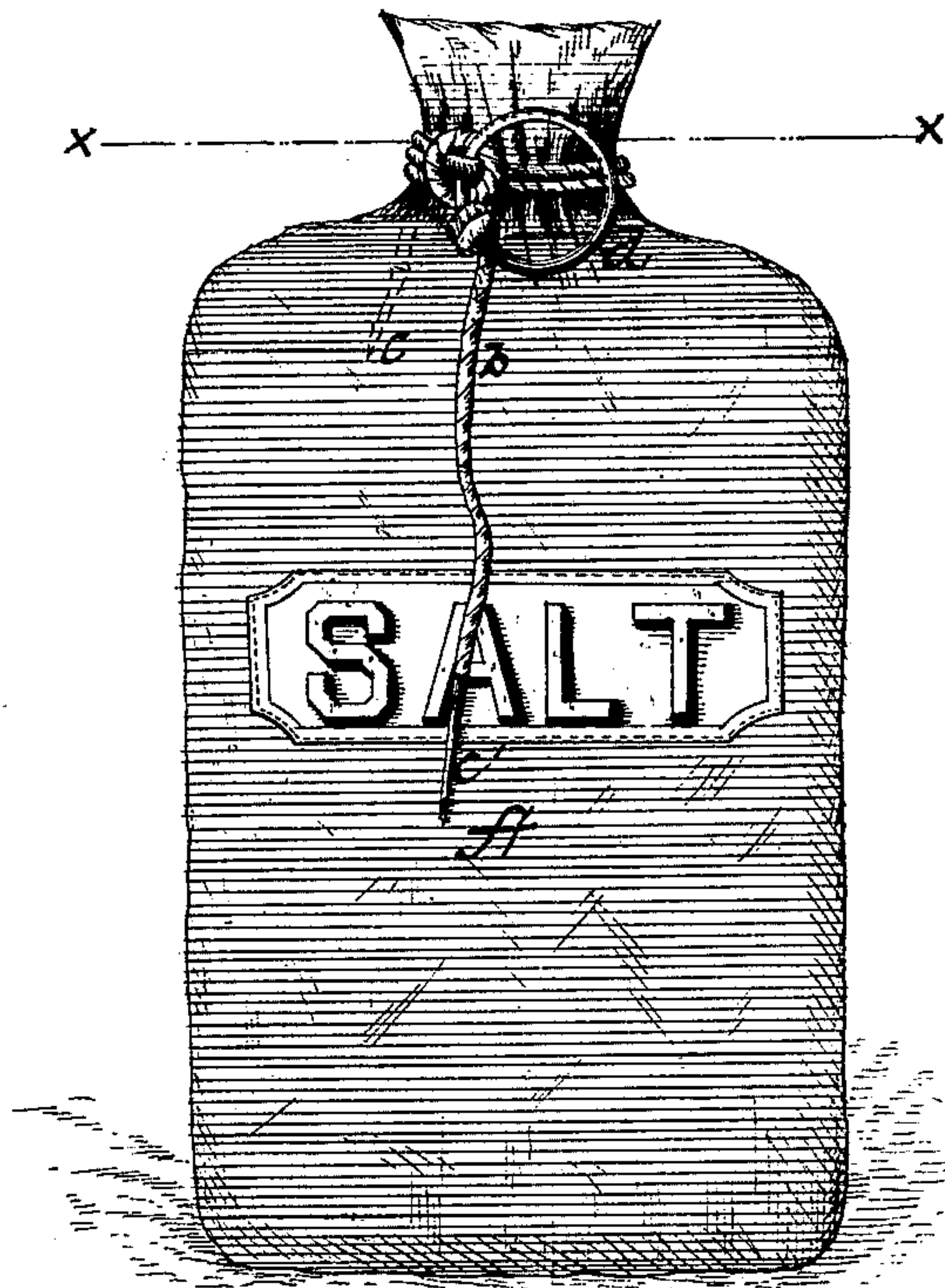


Fig. 3.

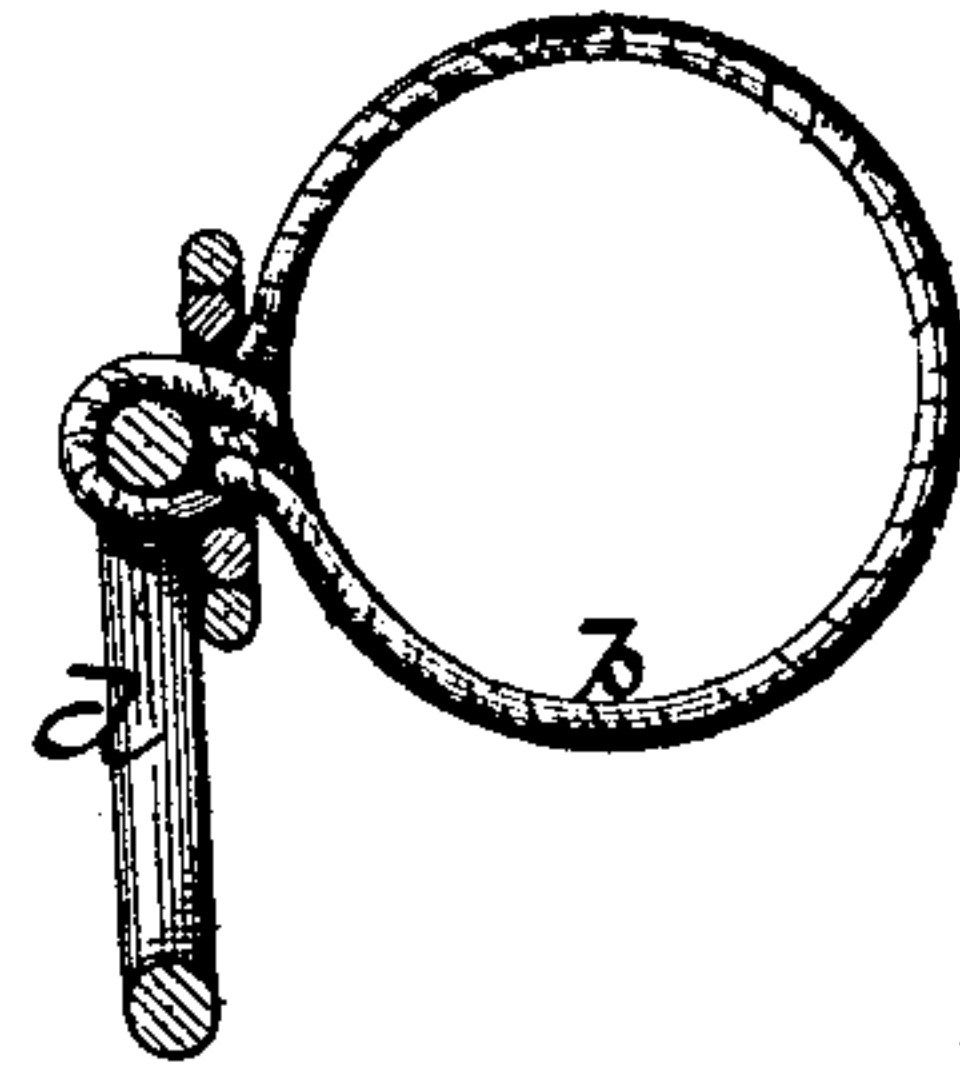


Fig. 1.

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UNITED STATES PATENT OFFICE.

WILLIAM C. JOSLIN, OF PUTNAM, CONNECTICUT.

BAG-FASTENER.

SPECIFICATION forming part of Letters Patent No. 233,935, dated November 2, 1880.

Application filed August 4, 1880. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM C. JOSLIN, a citizen of the United States, residing at Putnam, in the county of Windham and State of Connecticut, have invented certain new and useful Improvements in Bag-Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to

10 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.

My invention relates to that class of devices used to secure the mouths of sacks or bags against the escape of the contents without the necessity of making the usual knot-tie in the string; and it consists in a ring or other suitable attachment fixed in the sack or bag, in combination with a cord or string having, at a proper distance from the bag or sack, another ring tied in it, with an extension of the string or cord beyond the ring to wind around the

25 tie-ring.

It also consists in the novel and peculiar combination of the parts, as will be hereinafter more specifically set forth and claimed.

Heretofore a bag-tie has been made wherein the fastening device consists in loosely journaling upon a screw-bolt a pair of metal disks, one of which is placed on the inside and the other on the outside of the bag, around the screw-bolt of which, and between the disks, the string is wound, and held in place by the pressure of the disks; but this method of fastening is objectionable and more expensive than that adopted in my improved fastener.

In order that my invention may be practically made and used, I herein give a full, clear, and exact description of it, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a representation of my invention applied to a sack or bag. Fig. 2 is a representation showing the tie made on a filled sack; and Fig. 3 represents a sectional view of the tie cut through the point of fastening in the line *x x*, Fig. 2.

In the drawings, A represents a bag or sack having attached near its upper end a ring, *a*,

of suitable size and material, which ring is clamped through an eyelet in the sack.

b is the bag-string, tied in a simple knot to the ring *a*. This string is preferably tipped with metal, as shown at *c* and *c'*, the objects being to prevent raveling of the ends of the string, and to prevent, by the rigidity and weight of the tips, a slipping tendency of the string from its attachment to the ring in the bag, or from the tie-ring when the bag is secured, as shown in Fig. 2.

The letter *d* is a ring of metal or other proper material, tied in the string at a suitable point, (see Fig. 1,) and is intended for the purposes hereinafter set forth in the description of the operation of the device.

That portion of the string or cord extending beyond, outwardly, the tie-ring *d*, is used in wrapping around the tie-ring and the cord between the bag and tie-ring, and passed through the tie-ring, substantially as indicated in Figs. 2 and 3 of the drawings.

To effect the objects of my invention the ring *a* is clamped in the sack or bag near its open end, and the string *b* tied thereto by a simple knot, the tagged or weighted end being allowed to hang.

At a distance from the bag or sack equal to short twice around the cramped material of the same a metal ring, *d*, is tied in the string, the surplus length of the cord being used as hereinafter stated. The bag-ring, cord, and tie-ring being thus attached and arranged, and the bag or sack filled with material, the mouth of the bag is drawn together tight, the cord is wound around the neck of the bag twice, then brought around to the tie-ring, then firmly wound twice around string between the bag and the tie-ring, and then passed once or twice through the tie-ring, the end of the string being allowed to hang, thus making a simple, speedy, and secure fastening.

It will be observed that the ring attached to the bag may be dispensed with and the string sewed or otherwise secured to the bag.

My invention may also be used for tying or securing materials in bundles, such as laths, cotton-bags, &c.

Having thus described my invention, what I desire to secure by Letters Patent is—

1. In combination with a sack or bag, a

string connected near the mouth of the bag, and a ring tied in the string at a distance from the bag equal to short twice or more times around the cramped material of the bag, with
5 a portion of the string extending beyond the ring to complete the tie, substantially as described, and for the purposes set forth.

2. In combination with a sack or bag, a string connected to a ring fastened near the
10 mouth of the bag or sack, and a tie-ring tied in the string at a distance from the bag equal to short twice or more times around the cramped material of the bag, with a portion of the string extending beyond the tie-ring to complete the
15 tie, substantially as described, and for the purposes set forth.

3. In combination with a sack or bag, a string having metal tips and connected near the mouth of the bag, and a ring tied in the
20 string at a distance from the bag equal to short twice or more times around the cramped

material of the bag, with a portion of the string extending beyond the ring to complete the tie, whereby the tipped ends of the string will prevent a slipping tendency of the string from
25 its attachment to the bag.

4. In combination with a sack or bag, a string with tipped ends connected to a ring secured near the mouth of the bag, and a ring
30 tied in the string at a distance from the bag equal to short twice or more times around the cramped material of the bag, with a portion of the string extending beyond the ring to complete the tie, substantially as described, and for the purposes set forth.
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In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM C. JOSLIN.

Witnesses:

JAMES ARTHUR,
WILLIAM E. WARREN.