

(No Model.)

D. B. EASTBURN.

BALE TIE.

No. 266,587.

Patented Oct. 24, 1882.

Fig. 1.

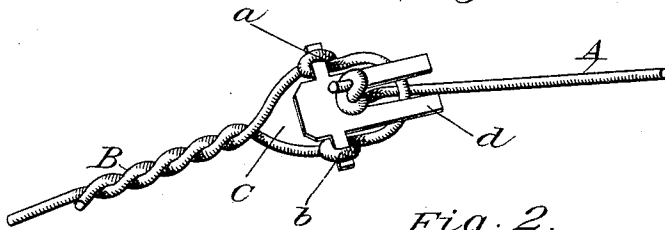


Fig. 2.

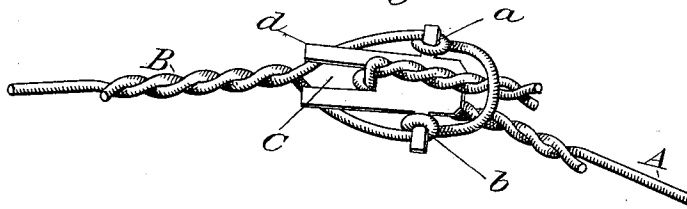


Fig. 3.

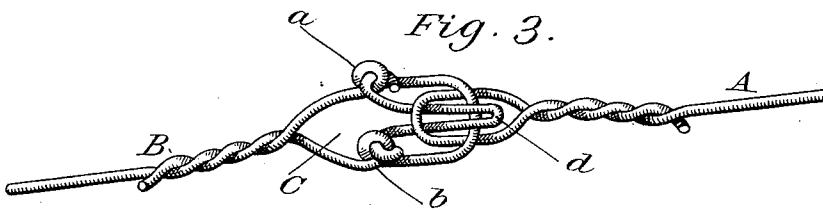
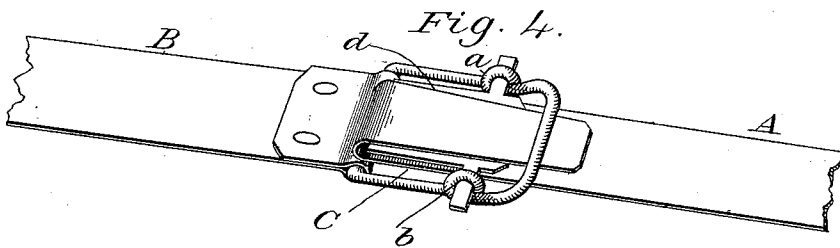


Fig. 4.



Witnesses:

Wth J. Caesladdon
John M. Brown

Inventor.

David B. Eastburn

UNITED STATES PATENT OFFICE.

DAVID B. EASTBURN, OF SOUTH BEND, INDIANA, ASSIGNOR OF ONE-HALF
TO MARVIN CAMPBELL, OF SAME PLACE.

BALE-TIE.

SPECIFICATION forming part of Letters Patent No. 266,587, dated October 24, 1882.

Application filed August 17, 1882. (No model.)

To all whom it may concern:

Be it known that I, DAVID B. EASTBURN, a citizen of the United States, residing at South Bend, in the county of St. Joseph and State of Indiana, have invented certain new and useful Improvements in Bale-Ties; and I do hereby declare the following to be a full and clear description of the same, whereby those skilled in the art to which my invention belongs may be enabled to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to the manner in which I prepare the two ends of the tie by which to easily adjust and securely lock together the two ends of the tie after they are passed about the bale.

My invention consists in suspending a plate of sheet metal or wire within a loop from eyes upon each side of the loop for such purpose. The operation of this pivoted plate may differ without changing the spirit of the invention. Figures 1, 2, 3, and 4 all show the ends locked together by means of this plate, but varying somewhat in their mode of operation, as I will more fully describe.

On the end B of the tie a loop is made with the eyes *a* and *b*, from which eyes is suspended a plate, *d*, as is shown in all of the figures. In Fig. 1 the plate *d* is provided with a notch and the end A with a simple knot. To lock the ends together the end A is passed through the loop C in front of the line *a b* and dropped into the notch in the plate, which is easily done, as the plate can readily be raised by reason of it being hinged at *a b*. The knot prevents it from drawing through the notch, and the fastening is secure.

In Fig. 2 the plate *d* is notched, the same or similar as in Fig. 1, or it need not be notched at all, as preferred. The end A is formed into

a mere hook by being bent back upon itself. This hook may have the wire doubled, as shown in the drawings, or not, as preferred. To lock the two ends together, pass the end A through the loop C, back of the line *a b*, then pass the open side of the hook over the plate *d* and under the front part of the loop C, and the fastening is secure.

In Fig. 3 the plate is shown used as a mere buckle-tongue. Used in this way it makes a very desirable fastening, as the hinge *a b* allows the tongue to open easily, and makes it much more easy to lock than it would be if a rigid tongue were used.

In Fig. 4 the locking is the same as in Fig. 2, the only difference being that the main band of the tie is of hoop-iron instead of wire. I do not desire to confine myself to a specific construction of any part of the tie, further than to claim the novelty and use of the tongue or plate pivoted upon both sides of a loop. It is evident that the construction of the end A and the mode of connecting it with the loop C and plate *d* may be done in various ways. It is also evident that the plate *d* may have various constructions and different locations in the loop. It may be located at or near the front or center or back or in any part of the loop desired.

What I claim as new and of my invention, and desire to secure by Letters Patent of the United States, is—

A bale-tie, one end provided with a loop having eyes from which is suspended or pivoted a plate or tongue for the purpose of engaging and holding the other end of the tie, substantially as set forth.

DAVID B. EASTBURN.

Witnesses:

JOHN M. BROWN,
SCHUYLER CARSKADDON.