

No. 648,784.

Patented May 1, 1900.

A. J. PFEFFER.
BALE TIE.

(No Model.)

(Application filed Feb. 15, 1900.)

Fig. 1.

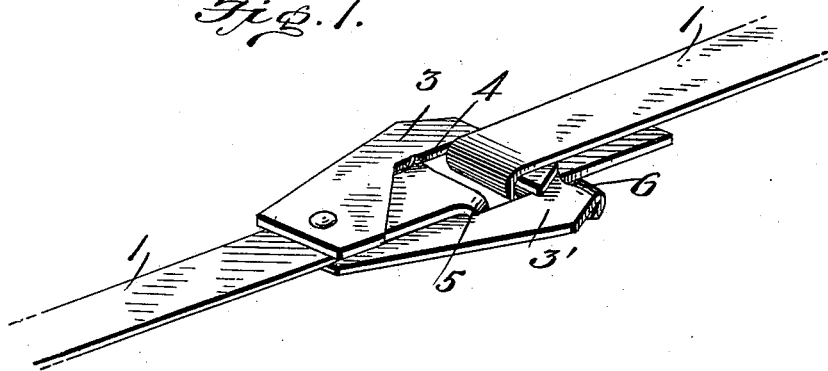


Fig. 2.

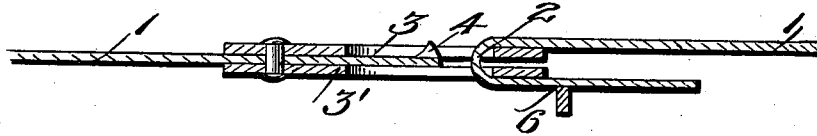


Fig. 3.

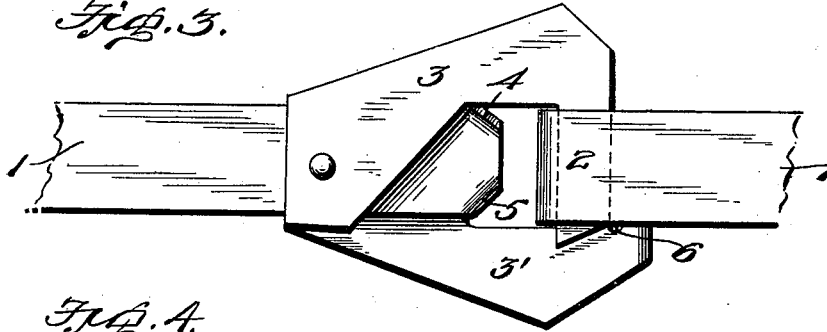


Fig. 4.

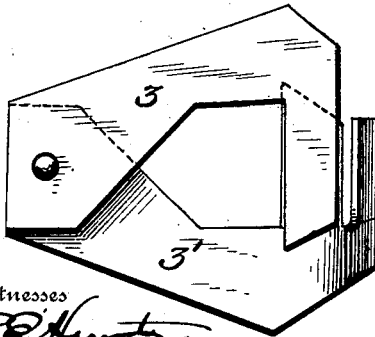


Fig. 5.



Witnesses
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UNITED STATES PATENT OFFICE.

ALBERT J. PFEFFER, OF BELLVILLE, TEXAS.

BALE-TIE.

SPECIFICATION forming part of Letters Patent No. 648,784, dated May 1, 1900.

Application filed February 15, 1900. Serial No. 5,331. (No model.)

To all whom it may concern:

Be it known that I, ALBERT JOHN PFEFFER, a citizen of the United States, residing at Bellville, in the county of Austin and State of Texas, have invented certain new and useful Improvements in Bale-Ties; 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 ap-
10 pertains to make and use the same.

The invention relates to bale-ties.

The object of the invention is to provide a bale-tie which shall be simple of construction, durable in use, and comparatively inexpensive of production, easily operated, and which
15 when fastened around a bale cannot possibly become detached therefrom.

To this end the invention consists in certain features of construction and combination
20 of parts, which will be hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of my improved bale-tie, showing the ends of the straps fastened to-
25 gether. Fig. 2 is a longitudinal sectional view through the bale-tie and the ends of the straps. Fig. 3 is a top plan view. Fig. 4 is a plan view of the jaws. Fig. 5 is a detail perspective view of one end of the bale-band, showing the stops formed thereon.

In the drawings the same reference characters indicate the same parts of the invention.

1 denotes the band, one end of which is provided or formed with a hook 2, and 3 3' denote the angular fastening-jaws pivoted to
35 one end of the band and adapted to be engaged by the hooked end of the band. The jaws are pivoted one to the upper and the other to the lower side of one end of the band, which has its extremity formed with an up-
40 wardly-projecting stop-lip 4 and with a downwardly-projecting integral stop-lip 5 to limit the inward movement of the jaws. One of the jaws has its forward end curved downwardly,
45 and this end is provided with a transverse slot 6 open at one end.

In fastening the tie around the bale after the band has been placed around the bale the
50 jaws are separated to permit of the engagement of the hooked end of the band with the jaw 3'. This having been accomplished the base-wall of the slot 6 will hold the hooked

end of the band a distance above the jaw 3' sufficient to permit of the jaw 3 being swung over the jaw 3' and through the hooked end
55 of the band. In pressing them together the movement of the jaws is limited by the limit-stops 4 and 5.

From the foregoing description, taken in connection with the accompanying drawings, 60 the construction, operation, and advantages of my improved bale-tie will be readily apparent without requiring an extended explanation.

It will be seen that the bale-tie is simple of construction, that said construction permits
65 of its manufacture at small cost, and that it is exceedingly well adapted for the purpose for which it is designed.

Various changes in the form, proportion, 70 and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus described the invention, what
75 is claimed, and desired to be secured by Letters Patent, is—

1. The combination with a band; of coacting jaws pivoted to one end thereof, one of said jaws having its edge bent downward and
80 provided with a transverse slot to support the other end of said band in the proper position to be engaged by the other jaw, substantially as and for the purpose set forth.

2. The combination with a band one end of
85 which is provided with stop-lips; of coacting jaws one pivoted to the under side of the band near its end and the other pivoted to the upper side of the band near its end, said
90 jaws adapted to be limited in their inward movement by the stop-lips, one of said jaws having its edge bent downward and provided with a transverse slot adapted to be engaged
95 by a hook carried by the other end of said band, substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

A. J. PFEFFER.

Witnesses:

CLEM GLENN,
A. S. HOLLAND.