

(No Model.)

O. P. BROWN & W. S. DEIDRICH.

BALE TIE.

No. 305,569.

Patented Sept. 23, 1884.

Fig. 1.

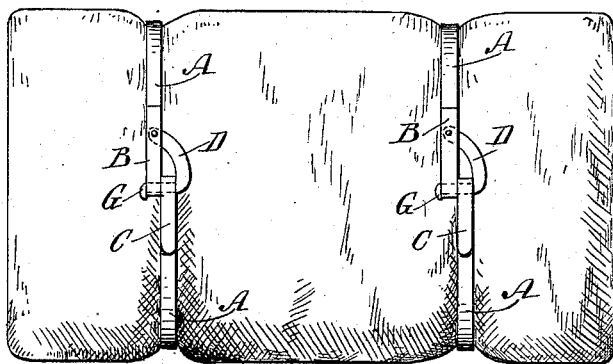


Fig. 3.

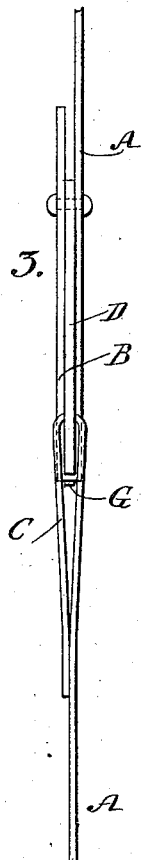
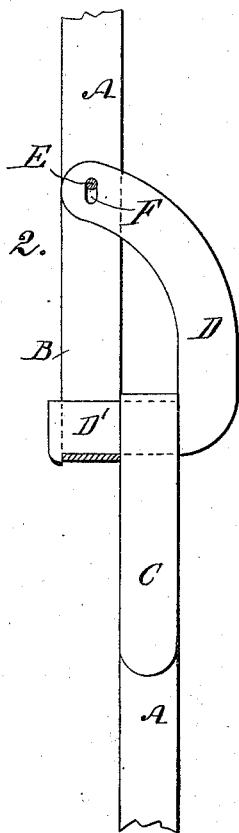


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

OWEN P. BROWN AND WILLIAM S. DEIDRICH, OF SMITHVILLE, GEORGIA.

BALE-TIE.

SPECIFICATION forming part of Letters Patent No. 305,569, dated September 23, 1884.

Application filed June 17, 1884. (No model.)

To all whom it may concern:

Be it known that we, OWEN P. BROWN and WILLIAM S. DEIDRICH, both of Smithville, in the county of Lee and State of Georgia, have
5 invented a new and Improved Bale-Tie, of which the following is a full, clear, and exact description.

The object of our invention is to provide a new and improved tie for cotton-bales, &c.,
10 which tie can be closed or opened very readily.

The invention consists in a strip provided with a loop at each end, of a hook pivoted to the strip near one end and provided on its free
15 end with a lug or prong for locking it in place.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate
20 corresponding parts in all the figures.

Figure 1 is a side view of a bale provided
25 with our improved bale-tie. Fig. 2 is an enlarged side view of the locking part of the tie, parts being shown in section. Fig. 3 is an edge view of the same.

The metal strip A has its ends bent over
30 to form loops B and C. A hook, D, is pivoted to the strip or tie A near one end by a pin, E, passed through a slot, F, in the pivoted end of the hook, the said slot being so
35 arranged that when that end of the slot farthest from the free end of the hook rests on the pin E, the cross-piece D' of the hook will rest on the end piece of the loop B, as shown in Fig. 2. The cross-piece D' of the hook is
40 provided at its end with a downwardly-projecting lug or prong, G. The strip or tie A is drawn taut, and the part D' of the hook is
45 passed through the loop C at the opposite end of the tie and then through the loop B on the

same end to which the hook is pivoted. The
two ends of the tie or band are pulled in op-
posite directions, and thus the opposite edges
of the part D' are pressed against the end pieces
of the loops B C, the lug or prong G resting
against the outer edge of the end of the loop
B and thus locking the tie. If the tie is to
be removed, the ends must be moved toward
each other—that is, the end part of the loop
B must be moved below the free end of the
prong G, the hook must be moved upward so
that the end of the prong G can clear the end
50 of the loop B, and then the hook D is swung out of the loops B and C, whereby the tie is
opened.

The tie can be opened or closed easily and
rapidly, and is not damaged and need not be
55 bent or twisted to lock it.

Having thus described our invention, what
we claim as new, and desire to secure by Let-
ters Patent, is—

1. A bale-tie formed of a strip having a loop
60 at each end and a hook pivoted at one end, which hook is provided on its free end with a lug, prong, or projection for locking it in place, substantially as herein shown and de-
scribed.

2. A bale-tie formed of a strip, A, having
65 the loops B and C at the ends, the hook D, having the slot F at the pivoted end and the lug or prong G at the free end, and of the pin E, passed through the slot F, substantially as
70 herein shown and described.

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WILLIAM S. DEIDRICH.

Witnesses:

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