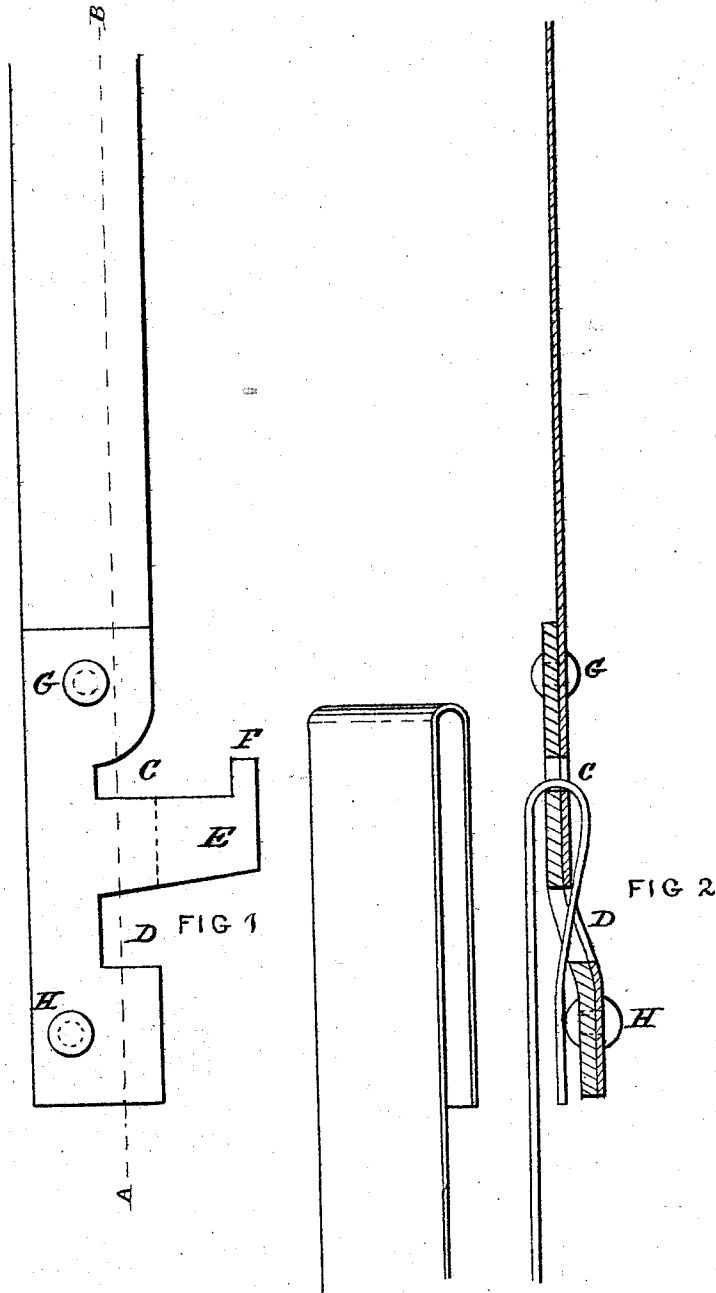


F. COOK.
Cotton-Bale Ties.

No. 142,001.

Patented August 19, 1873.



Witnesses.
W. H. Harrison
E. S. Cantelero

Frederick Cook
Inventor.

UNITED STATES PATENT OFFICE.

FREDERIC COOK, OF NEW ORLEANS, LOUISIANA.

IMPROVEMENT IN COTTON-BALE TIES.

Specification forming part of Letters Patent No. **142,001**, dated August 19, 1873; application filed July 16, 1873.

To all whom it may concern:

Be it known that I, FREDERIC COOK, of New Orleans, Louisiana, have invented an Improvement in Bale-Ties, of which the following is a specification:

The object of my invention is to make a metallic band bale-tie, having two notches cut into one side of the band to fit exactly over two similar notches cut into a piece of plate metal riveted onto the band; the upper notch receives the looped (other) end of the band; the lower notch receives the bent end of the loop and locks it fast, whereas if but one notch were used the bent end of the loop would depend on the expansive force of the bale to hold it.

Reference is made to the accompanying drawings, in which Figure 1 is a front view of the two ends of the band. Fig. 2 is a section of the tie through A B of Fig. 1, but the looped end is shown as it would appear when the tying is perfected.

C is a notch cut in the band, and D is a notch also cut in the band. E is a projecting hook to receive the looped end of the band and form a band-seat, and has a lip, F, raised to prevent the loop coming off. The piece of plate metal to which the hook E is attached is riveted to the band at G H and fits the notches C and D.

This tie may also be made by cutting out

the piece of the hoop between the notches C and D, in which case the looped end of the band does not strain on any portion of the band at the notched end, but solely on the hook E.

The plate which is riveted on the band may also be riveted on the reversed side of the band to that shown, so as to lie against the bale, in which case the bent end of the loop of the band would lie and press against the edge of the lower notch D in the straight end of the band.

What I claim, and desire to secure by Letters Patent, is—

1. The bale-tie constructed substantially as shown and described.

2. The combination of the double notches in the straight band with the looped band end and a strengthening-plate riveted on said straight end.

3. A bale-tie constructed so that when the looped end of the band enters a side notch in the straight end the bent end of the loop enters simultaneously a second side notch, and is locked by pressure against the straight band, or by the strengthening-plate riveted on it.

FREDERIC COOK.

Witnesses:

F. B. PARKINSON,
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