F. COOK.

Bale-Ties.

No. 138,479. Patented May 6, 1873.

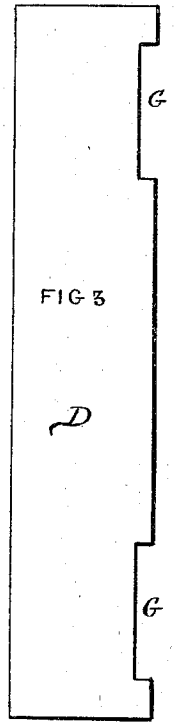

FIG 3

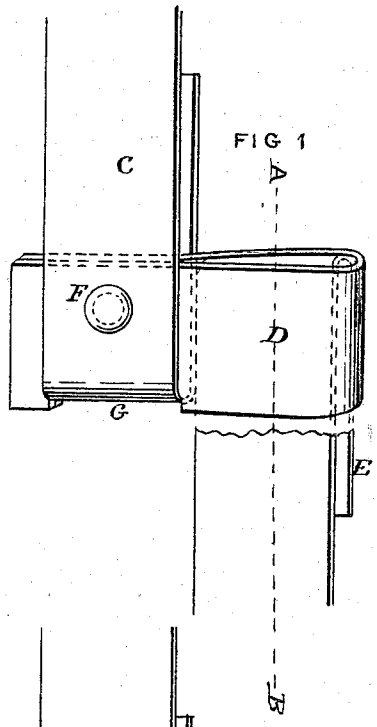

FIG 1

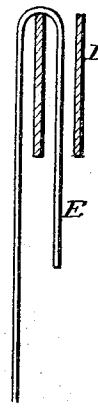

FIG 2

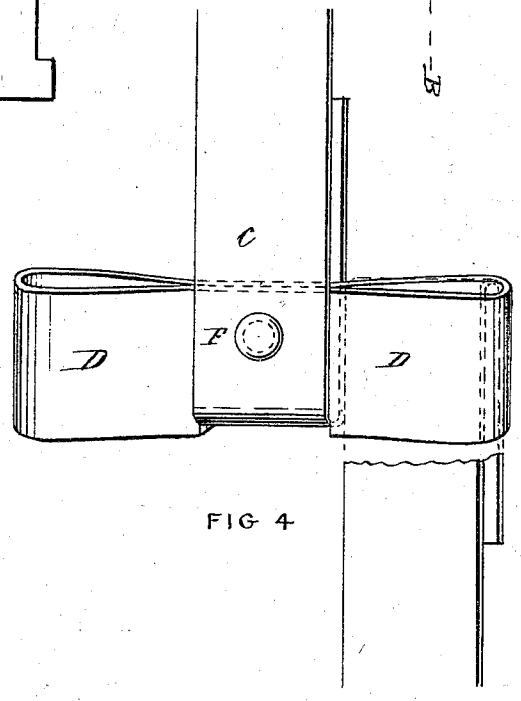

FIG 4

WITNESSES

L. B. Parkinson

S. G. Wire

INVENTOR

Frederic Cook

UNITED STATES PATENT OFFICE.

FREDERIC COOK, OF NEW ORLEANS, LOUISIANA.

IMPROVEMENT IN BALE-TIES.

Specification forming part of Letters Patent No. **138,479**, dated May 6, 1873; application filed April 24, 1873.

To all whom it may concern:

Be it known that I, FREDERIC COOK, of New Orleans, parish of Orleans and State of Louisiana, have invented certain Improvements in Bale-Ties, of which the following is a specification:

The nature of my invention consists of an improvement in the manner of fastening metallic bands for baling purposes by means of bending the straight end of the metallic band back on to itself so as to form a loop. I next take a piece of band-iron about four and a half to five inches long, as wide or a little wider than the band itself, and bend it into a loop. I insert this separate loop squarely into the loop of the band, and secure it by a rivet through the four thicknesses of iron, or by other suitable means, leaving the looped end projecting square out from the edge of the band far enough to admit the other end of the band into said loop, which can be either hooked into the loop or passed in straight, the slack drawn up and then turned under against the bale.

Referring to the drawing, Figure 1 represents a perspective view of the fastening. Fig. 2 is a section through A B, and shows the end of the band hooked into the loop provided for it. Fig. 3 represents the piece of band that forms the loop D when bent double to form a single loop. Fig. 4 shows a double-looped tie or a loop each side of band C.

C is the end of the band, to which the loop D is attached. D is the loop, into which the other end E of the band passes to complete the tie. F is a rivet. G shows a notch cut in the looped piece D, to confine the band C in place, but if well riveted the notch may be omitted. This tie can be made with the loop D projecting on each side of band C, by forming a double loop out of piece D, thus shown at Fig. 4, so that a spare loop is always ready in case of fracture or destruction of one loop. The looped piece D may be either introduced into the bent end of the band, as shown, or the band C may remain straight, without bending around D, and the separate looped piece D may be simply riveted on to it.

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

The cotton-tie fastening, as shown and described, having a detached loop or loops, D, secured to the end of the band, for the purpose specified.

FREDERIC COOK.

Witnessed by—

WM. MCC. JONES,

J. MCCOURT.