

W. M. IRVINE.
BALE FASTENING.

No. 81,374.

Patented Aug. 25, 1868.

Fig. 1.

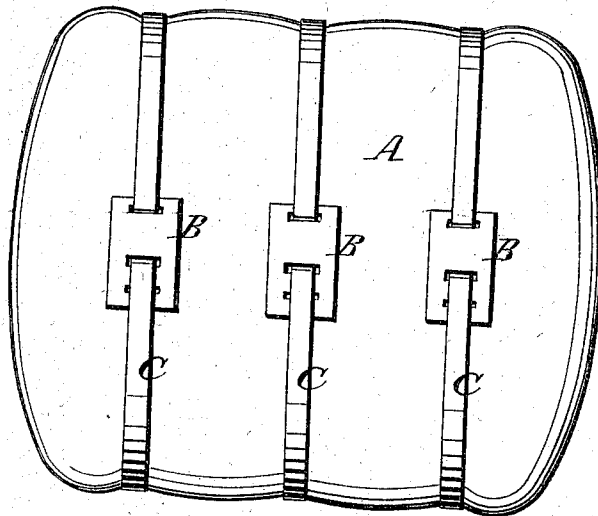


Fig. 2.

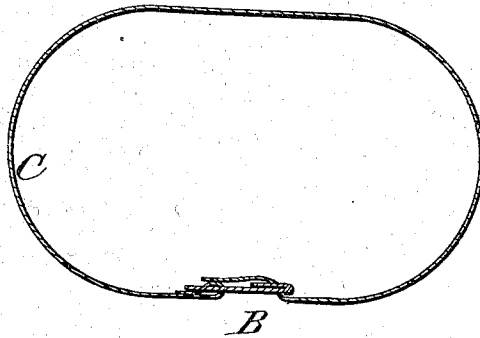
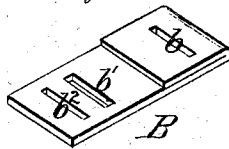


Fig. 3.



WITNESSES
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per *J. H. Alexander*
Atty.

United States Patent Office.

WILLIAM M. IRVINE, OF MONTGOMERY, ALABAMA.

Assign to himself & Alfred H. Moses, of the same place
Letters Patent No. 81,374, dated August 25, 1868.

IMPROVED BALE-FASTENING.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, WILLIAM M. IRVINE, of Montgomery, in the county of Montgomery, and State of Alabama, have invented certain new and useful Improvements in Cotton-Bale Fastenings; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification, in which—

Figure 1 represents a view, in elevation, of a bale with my improvement attached;

Figure 2, a similar view of the fastening detached, and

Figure 3, a view in perspective, and on an enlarged scale, of the plate which holds the ends of the strap together.

The nature of my invention consists in providing a metallic plate, furnished with slots, to receive the ends of the strap which is passed around the bale, and connected thereto in a manner hereinafter to be described.

In the accompanying drawings, A represents a bale, which is fastened by metallic straps, C, the ends of which are connected by metallic plates, B. Each plate is provided with a transverse slot, *b*, near one of its ends, being doubled over or thickened where the slot is made. Two transverse slots, *b'* *b''*, adjacent to each other, are made near the opposite end of the plate. The strap C being placed around the bale, one of its ends is passed through the slot *b'*, and towards that side of the plate which is next the bale, thence downward, through the slot *b''*, forming a loop, and resting against the outside of the plate. The opposite end of the strap is passed up through slot *b*, the plate being doubled over or thickened at that part, as before described, for the purpose of giving it sufficient bearing, and rests upon the inner side of the plate B, between the plate and bale. The loop, passing through the slots *b'* *b''*, can be drawn as tight as necessary, and the strap bearing against the edge of the slot *b*, near its opposite end, and being confined between the bale and plate, will be securely fastened. This method of connection may be applied to wire fastenings, by merely using a sufficient length of strap to form the loop, and to bear against the edge of the slot *b*, and rest upon the inner surface of the plate, the ends of the wire being connected thereto.

I do not claim the slotted plate, as that is old; but

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

Reinforcing one end of the plate B, and confining the ends of the strap or band, in the manner herein set forth and shown.

In testimony that I claim the foregoing as my own, I affix my signature in presence of two witnesses.

WM. M. IRVINE.

Witnesses:

ALF'D H. MOSES,
DAVID HOLMES.