

S. M. WILSON.
COTTON-BALE TIE.

No. 189,003.

Patented March 27, 1877.

Fig. 1.

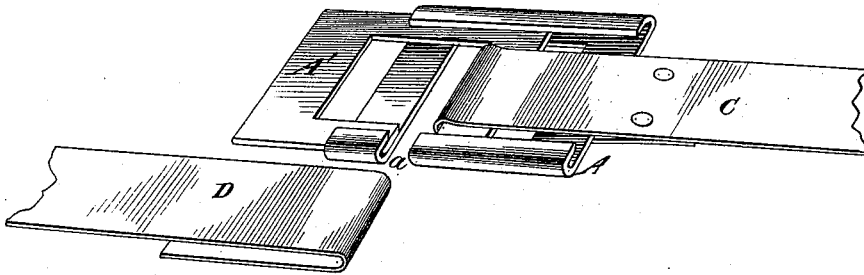


Fig. 2.

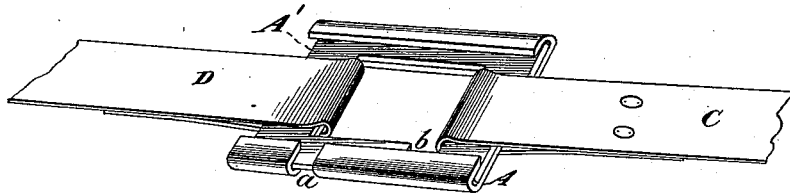


Fig. 3.

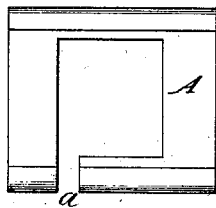
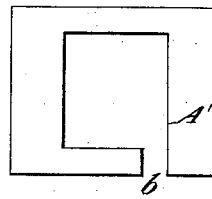


Fig. 4.



Witnesses:
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SMITH M. WILSON, OF PITTSBURG, PENNSYLVANIA.

IMPROVEMENT IN COTTON-BALE TIES.

Specification forming part of Letters Patent No. 189,003, dated March 27, 1877; application filed March 8, 1877.

To all whom it may concern:

Be it known that I, SMITH M. WILSON, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Cotton-Bale Ties, of which the following is a specification:

This invention consists of two pieces of metal, made to slide one into the other, with openings, which, when brought into juxtaposition, allow the bands to be attached to both frames, and when the frames are brought together make it impossible for the loop to be drawn out.

In the annexed drawing, making a part of this specification, Figure 1 is a perspective view, showing the frames in a position that allows the free end of the band to be inserted. Fig. 2 is a perspective view, showing the bands in place and the frames brought together, closing the opening. Fig. 3 is a plan view of the outer frame. Fig. 4 is a plan view of the inner frame.

The same letters are employed in all the figures in the indication of identical parts.

The frame A is made with a rabbet, into which the frame A' can be slid. Both frames are quadrilateral, and are cut away on the same side at *a* and *b*, so that when the frames

are drawn out the two openings will register. When the frames are in the position as shown in Fig. 2, one end of the band is passed through the open part of the frame and the end bent back and riveted to its own part, with a loop of sufficient length to allow the two openings *a* and *b* to be brought to register, as shown in Fig. 1, thus allowing the other end of the band to be entered. They can then be pushed together, as shown in Fig. 2, and the opening closed. Both loops will then bear against both the end pieces of both frames, so as to resist the strain by the combined strength of the two frames.

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

A cotton-bale tie formed of two sliding frames, A A', having openings at *a* and *b*, through which the loops in the bands may be slipped and then confined by sliding the frames one on the other.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

SMITH M. WILSON.

Witnesses:

WILLIAM F. ROBB,
JOHN M. ROBB.