

J. M. H. MARTIN.

BALE-TIE.

No. 188,252.

Patented March 13, 1877.

Fig. 1.

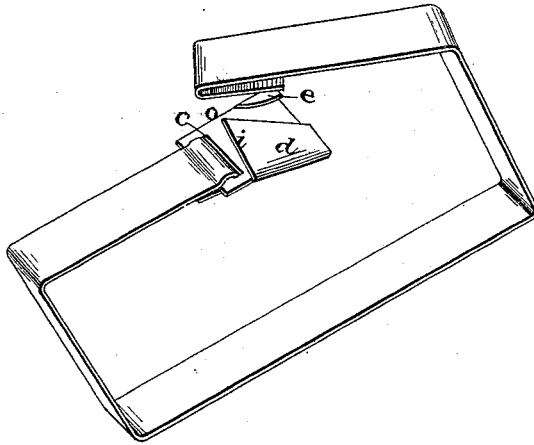


Fig. 2.

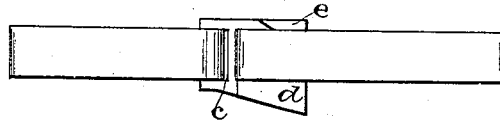
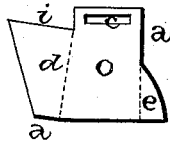


Fig. 3.



WITNESSES:

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INVENTOR:

J. M. H. Martin
per
F. A. Lehmann, atty.

UNITED STATES PATENT OFFICE.

JOHN M. H. MARTIN, OF BROOKHAVEN, MISSISSIPPI.

IMPROVEMENT IN BALE-TIES.

Specification forming part of Letters Patent No. **188,252**, dated March 13, 1877; application filed March 2, 1877.

To all whom it may concern:

Be it known that I, JOHN M. H. MARTIN, of Brookhaven, in the county of Lincoln and State of Mississippi, have invented certain new and useful Improvements in Bale-Ties; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in bale-ties; and it consists in the peculiar arrangement and combination of parts that will be more fully described hereinafter, whereby the end of the band can be readily and quickly hooked into the tie without meeting with any obstruction, and which shall be so simple that any one can easily operate it, even without any experience.

Figure 1 is a perspective of my invention. Fig. 2 is a plan view of the same. Fig. 3 is a plan view of the plate out of which the tie is formed.

I first take sheet metal of suitable thickness and strength, and stamp out the plates *a*, as shown in Fig. 3. These plates have a slot, *c*, to receive the stationary end of the band in the usual manner, a wing, *d*, on one edge, which, when folded over, as shown in Fig. 1, serves to hold the loose end of the band, and the projecting corner *e*, which is to be folded over toward the wing *d*, to prevent the end of the band from accidentally slipping out sidewise.

As will be seen, when the two parts *d e* are folded over toward each other, there is a di-

agonal slit left between them, through which the hooked end of the band is passed and made to catch over the edge *i* of the wing *d*. While thus caught over the edge *i* the folded-over corner *e* catches over the edge of the bent-under portion of the band and holds it, so that the band cannot be slipped out sidewise until the outer edge of the band is turned slightly upward, which can never happen when upon a bale.

The plate from which the tie is formed being bent over, as shown, the back *o* gives great strength to the tie, and enables it to be made out of much cheaper and lighter metal. The great advantage of my tie is, that the band can be hooked into it without meeting with any obstruction, whether upon a bale or not. Another advantage is its simplicity, enabling any one, however unskilled in labor he may be, to fasten the band every time.

Having thus described my invention, I claim—

In a bale-tie, the plate *a*, having the slot *c*, wing *d*, projecting corner *e*, the wing and corner being folded toward each other, so as to leave a slit between them, and the band being made to catch over the edge *i* of the wing *d*, and prevented from coming out sidewise by the projecting corner *e*, substantially as shown and described,

In testimony that I claim the foregoing I have hereunto set my hand this 1st day of March, 1877.

J. M. H. MARTIN.

Witnesses:

R. M. BARR,
F. A. LEHMANN.