

G. S. FRANCE.

BALE-TIE.

No. 188,884.

Patented March 27, 1877.

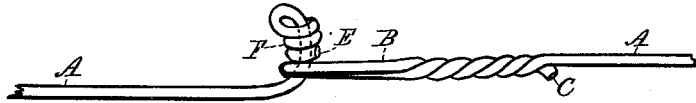


FIG. 1.

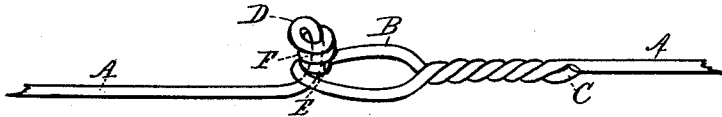


FIG. 2.

WITNESSES:

*George Best*  
*D. M. Jenkins*

INVENTOR:

*George S. France*

# UNITED STATES PATENT OFFICE.

GUSTUS S. FRANCE, OF CENTRAL BRIDGE, NEW YORK, ASSIGNOR TO THE  
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## IMPROVEMENT IN BALE-TIES.

Specification forming part of Letters Patent No. **188,884**, dated March 27, 1877; application filed  
March 12, 1877.

*To all whom it may concern;*

Be it known that I, GUSTUS S. FRANCE, formerly of Worcester, Massachusetts, but now of Central Bridge, Schoharie county, in the State of New York, have invented certain new and useful Improvements in Bale-Ties; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and in which—

Figure 1 represents a side view of the two ends of a bale-tie made according to my present invention, and Fig. 2 represents a perspective view of the parts shown in Fig. 1.

To enable those skilled in the art to which my invention belongs to make and use the same, I will proceed to describe it more in detail.

In the drawings, the parts marked A represent the main wire forming the body of the bale-tie, only the locking ends of said wire being shown in the drawings. Upon one end of the tie a loop, B, is formed by returning and twisting the ends C back upon the main wire, as shown in the drawings. The other

end of the wire or bale-tie A is provided with a hook, D, formed by bending the end E of the wire up, and then winding it around the vertical part of the hook, as shown at F in the drawings, and this loop part rests upon the end of loop B when the bale-tie is in use, thereby preventing the separation of the ends of the tie.

It will be understood that when the bale-tie is in use loop B is drawn together and under the loop part F, thereby rendering the fastening more secure.

Having described my improvements in bale-ties, what I claim therein as new and of my invention, and desire to secure by Letters Patent, is—

In a bale-tie made from wire, the hooked end, formed by bending or looping it upward, and then twisting or winding the remaining part of the wire around said upturned end, substantially as shown and set forth.

GUSTUS S. FRANCE.

Witnesses:

GEORGE BEST,  
D. M. JENKINS.