

No. 793,505.

PATENTED JUNE 27, 1905.

A. M. CLAY.
BALE CONFINER.
APPLICATION FILED JULY 25, 1904.

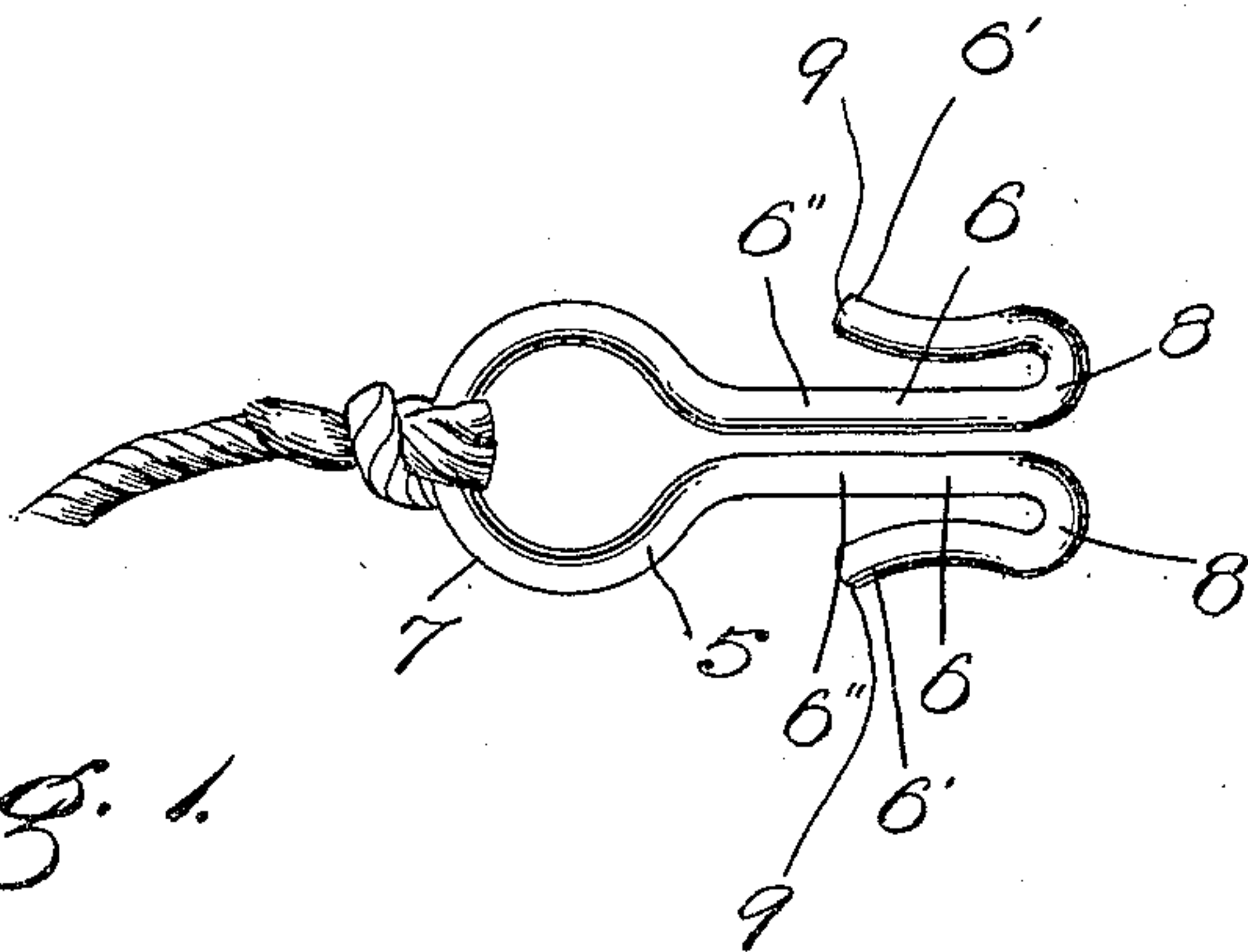


Fig. 1.

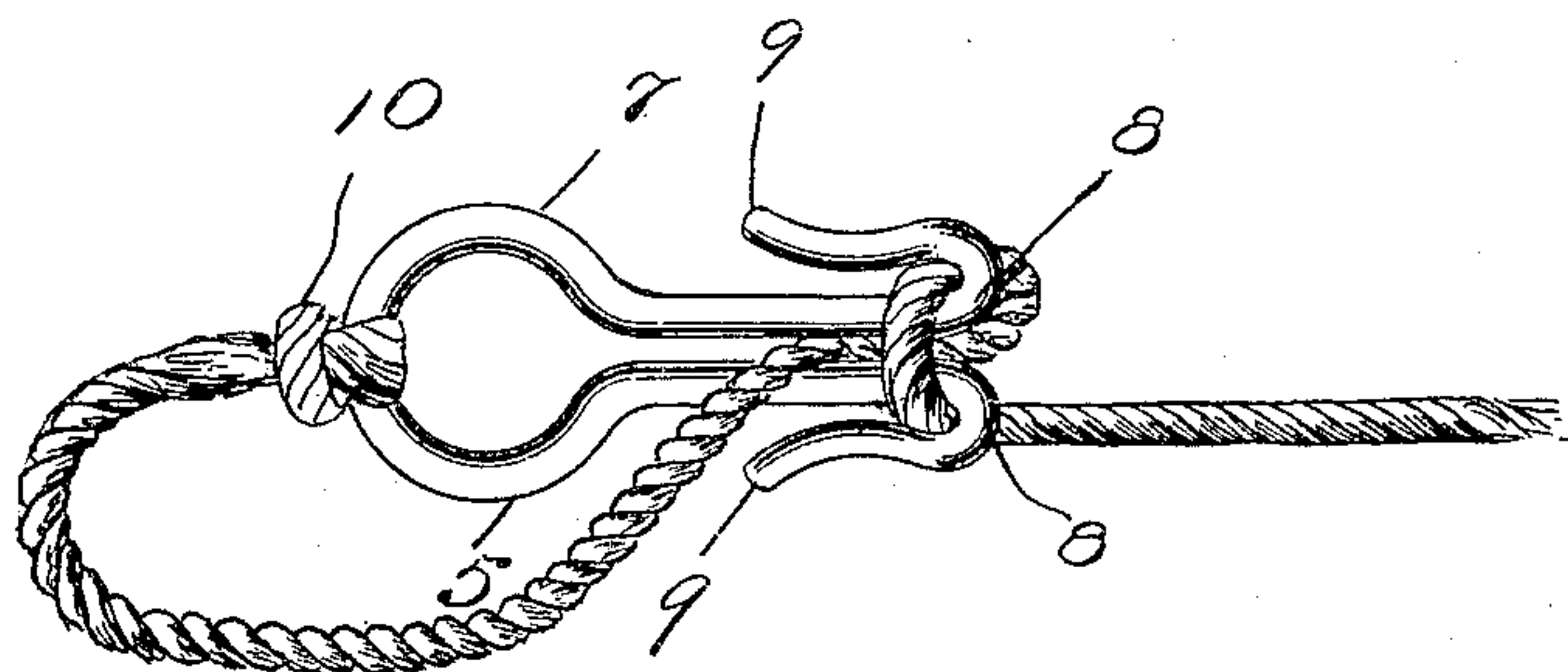


Fig. 2.

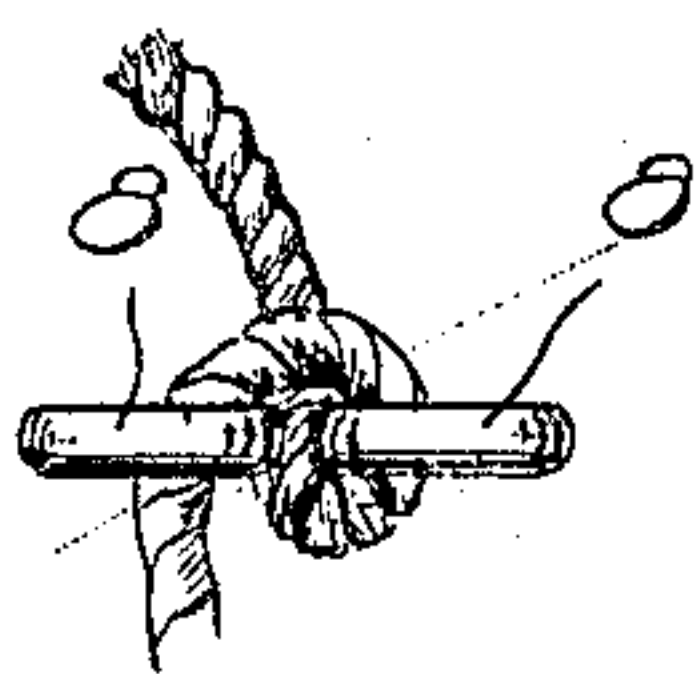


Fig. 3.

Witnesses
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BALE-CONFINER.

SPECIFICATION forming part of Letters Patent No. 793,505, dated June 27, 1905.

Application filed July 25, 1904. Serial No. 218,073.

To all whom it may concern:

Be it known that I, ADAM M. CLAY, a citizen of the United States, residing at Macungie, in the county of Lehigh, State of Pennsylvania, have invented certain new and useful Improvements in Bale-Confiners; 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 appertains to make and use the same.

This invention relates to fasteners for bale-ties, and has for its object to provide a fastener to which one end of the tie may be secured and which will be so arranged that the free end of the tie may be engaged therewith and held frictionally against disengagement therefrom.

A further object is to provide a device of this nature which will be simple of construction and cheap of manufacture.

Other objects and advantages will be apparent from the following description, and it will be understood that modifications of the specific construction shown may be made and any suitable materials and proportions may be used without departing from the spirit of the invention.

In the drawings forming a portion of this specification, and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a plan view of the fastener, showing a tie secured at one end thereto. Fig. 2 is a view showing the free end of the tie engaged in the fastener. Fig. 3 is an end view of Fig. 2.

Referring now to the drawings, the present fastener is formed from a single piece of wire 5, bent to form fingers 6, and a connecting eye-shaped bight 7. The outer end portions 6' of the fingers are bent rearwardly upon the inner portions 6'' thereof and lie in close re-

lation thereto, the two portions of the fingers thus forming gripping members 8, the free ends of the fingers being turned slightly outwardly, as shown at 9, to form guides. The portions 6' lie in spaced relation to each other and are arranged for engagement of a bale-tie therebetween.

In use one end of a tie 10 is knotted or otherwise secured to the eye 7, and after being passed around a bale has its free end engaged first between the fingers 6 and afterward with one of the gripping members 8 and then with the other, as shown in Figs. 2 and 3. When engaging the tie in the gripping members it is pulled tightly therewithin to bring the portions 6'' of the fingers 6 together to more securely clamp the portions of the tie lying therebetween in position. The resiliency of the wire tending to force the two members apart tightly wedges the tie into the two gripping members. The gripping members are of the same length, as illustrated, so that there is a direct pull on each of the engaging portions of the tie.

What is claimed is—

A bale-confiner comprising a gripping member formed of a single piece of metal bent to form spaced fingers and a connecting eye-shaped bight, the outer portions of said fingers being bent rearwardly upon the inner portions thereof to form gripping members of equal length occupying a common plane, the extremities of said rearwardly-bent portions being turned outwardly to form guides, and a cord secured to said eye-shaped bight.

In testimony whereof I affix my signature in presence of two witnesses.

ADAM M. CLAY.

Witnesses:

O. J. KNAUSS,
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