No. 881,053. PATENTED MAR. 3, 1908.

A. O. BRIGANCE.

BALE TIE.

APPLICATION FILED AUG. 2, 1907.

Fig. 1.

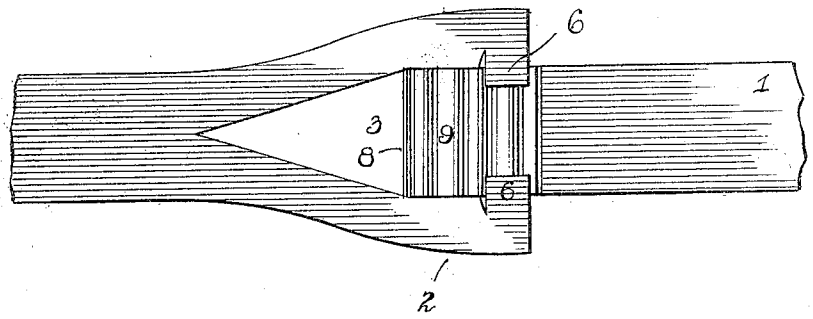


Fig. 2.

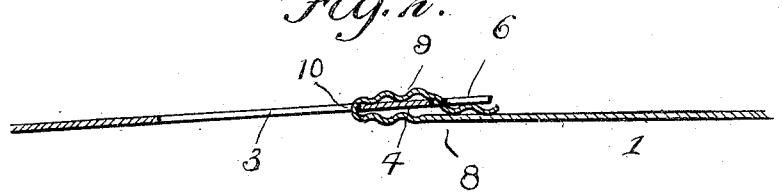
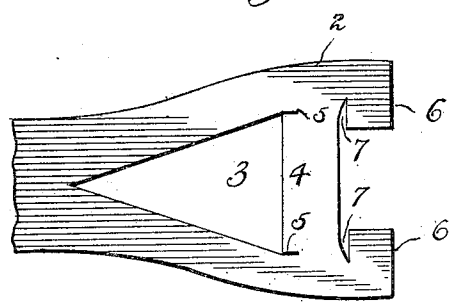


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

ALICE OSBORNE BRIGANCE, OF NAVASOTA, TEXAS.

BALE-TIE.

No. 881,053 Specification of Letters Patent. Patented March 3, 1908.

Application filed August 2, 1907. Serial No. 386,782.

To all whom it may concern:

Be it known that I, ALICE OSBORNE BRIGANCE, a citizen of the United States of America, residing at Navasota, in the county of Grimes and State of Texas, have invented new and useful Improvements in Bale-Ties, of which the following is a specification.

This invention is an improved bale-tie comprising a band formed integrally with a fastening device to secure the ends of the band together after the same has been placed around a bale, as hereinafter described and claimed.

In the accompanying drawings,—Figure 1 is an elevation showing the end portions of a bale tie and band constructed in accordance with my invention and with the ends of the band secured together. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is an elevation of one end of the bale band providing the tie for the other end thereof.

In accordance with my invention I provide a bale band 1 which is preferably made of aluminium, but which may be made of any other suitable material. One end of said band 1 is widened, as at 2, and is provided with an eye 3 which is here shown as triangular in form and is of suitable width to receive the opposite end of the band. The outer side of the said eye is formed by an integral cross bar 4, the ends of which are spaced from the said eye by means of kerfs 5 which enable the inner edge of the said bar to be bent. A pair of lugs 6 which extend inwardly toward each other are formed integral with the band beyond the outer side of the bar 4 and are spaced therefrom by kerfs 7. The opposite end 8 of the band is transversely crimped, as at 9.

In operation, after the band has been placed around a bale, the crimped end of the band is passed under the bar 4, is then turned outwardly and bent reversely to bear on the outer side of said bar, its extreme end portion being bent downwardly, passed through the kerfs 7 and depressed under the lugs 6 which, by partially overlapping the sides of the crimped end of the band, prevent the same from straightening out. The bar 4 engages the bight 10 formed in the crimped end of the band by bending the same around the inner edge of the bar so that the said band is effectually prevented from slipping, and the engagement of the said bar with the said end of the band is facilitated by the crimps in said end of the band, as will be understood. The crimped end of the band may be readily released from the eye or fastening end thereof by first bending up the lugs 6 to cause them to disengage the crimped end of the band, as will be understood.

When the band with its integral tie or fastening device is made of aluminium, as contemplated by my invention, such band is exceedingly light, strong and durable and is not subject to corrosion.

Having thus described the invention, what is claimed as new, is:—

1. A bale band having an eye at one end, a bar forming the outer side of said eye, and inwardly extending lugs at the outer side of and spaced from the ends of said bar.

2. A bale band having an eye at one end, a bar forming the outer side of said eye and inwardly extending lugs at the outer side of and spaced from the ends of said bar, the opposite end of said band being doubled and passed around said bar and disposed under said inwardly extending lugs.

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

ALICE OSBORNE BRIGANCE.

Witnesses:

GEO. D. NEAL,

J. W. TEAGUE.