Nov. 25, 1924.

1,516,682

J. A. PEABODY

METALLIC TIE

Filed Jan. 10, 1924

Fig. 1.

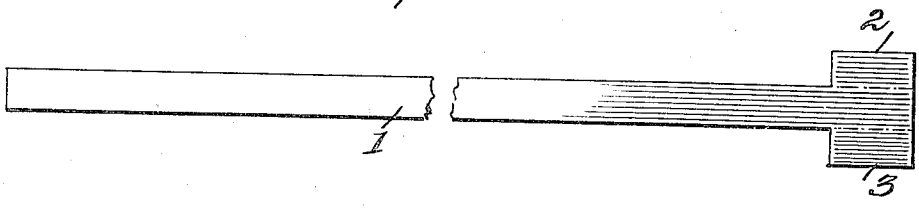


Fig. 3.

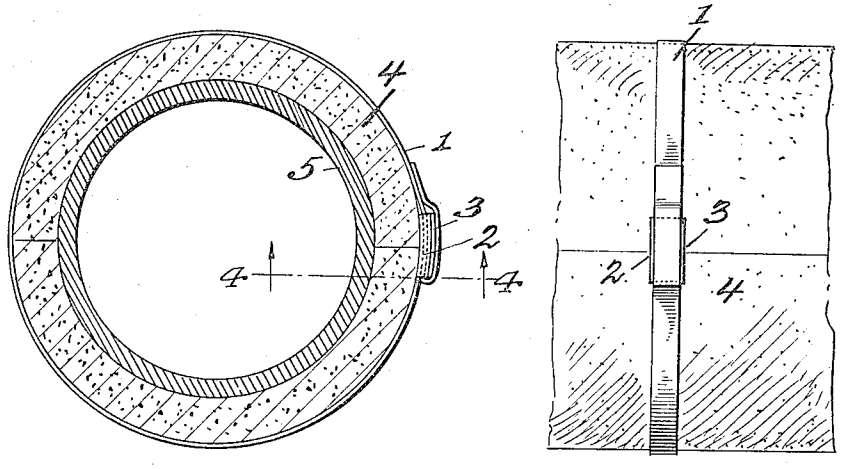
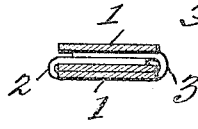


Fig. 2.

Fig. 4.



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UNITED STATES PATENT OFFICE.

JOHN A. PEABODY, OF SEATTLE, WASHINGTON.

METALLIC TIE.

Application filed January 10, 1924. Serial No. 685,487.

To all whom it may concern:

Be it known that JOHN A. PEABODY, a citizen of the United States, residing at Seattle, in the county of King and State of Washington, has invented certain new and useful Improvements in Metallic Ties, of which the following is a specification.

This invention relates to an improvement in metallic ties, involving an integral element capable of being used as an enveloping band or fastener, with securing means for the meeting terminals thereof which are integral with such band or fastener.

The invention is illustrated in the accompanying drawings, in which:

Fig. 1 is a plan of the metallic tie.

Fig. 2 is a vertical section showing the same in use.

Fig. 3 is an elevation of the same.

Fig. 4 is a section on line 4—4 of Fig. 3.

The improved metallic tie comprises a narrow elongated body portion 1, one terminal of which is laterally extended in both directions to provide wings 2 and 3.

In the use of the device, as for example, as illustrated in Figs. 2 and 3, where the tie is shown as securing the usual insulating or asbestos covering 4 on heating or other pipes 5, the tie is passed about the asbestos layer, as for example at the meeting edges of two sections of such layer, and the narrow end of the tie caused to overlie the end provided with the wings. The wings 2 and 3 are then bent upwardly at right angles to the body, thus forming a channel for the free end of the tie, following which said free end is drawn upon to tighten the band as a whole in place. The wings 2 and 3 are then bent downwardly in succession, the first resting upon the free terminal of the body and the second resting upon the first. The free end, which it is important to note, always extends a considerable distance beyond the lapping wings, is then bent backwardly to overlie and bear upon the wings and inwardly beyond the ends of the wings to bear upon the body. The extended end of the body is thus utilized as a member for securing the wings against accidental displacement, and furthermore renders the necessarily projecting portion of the tie smooth and even on its exterior.

When desired to dislodge the tie, the terminal of the free end of the body is engaged, as by pliers or the like, and a sudden sharp pull exerted thereon, which will displace the wings sufficient to permit the free end of the body to be drawn therebetween. Thus the tie is released.

The tie as a whole serves as a binder for any and all purposes for which a fastener of this character may be adapted.

Claim:

A flat sheet metal body, comprising a narrow elongated flexible strip wings projecting laterally from one terminal of the body, the projection of each wing beyond the body being substantially equal to the width of the strip forming the body, the body being adapted to be passed around the object to be bound, the wings to be bent over so as to embrace the opposite end, and said opposite end of the body then bent backwardly over the ears to form a lock, the free end projecting a relatively large distance beyond the wings when the parts are in locked position.

In testimony whereof I affix my signature.

JOHN A. PEABODY.