F. JOUDRY.

BOX TIE.

APPLICATION FILED SEPT. 9, 1919.

1,354,656. Patented Oct. 5, 1920.

Fig. 1.

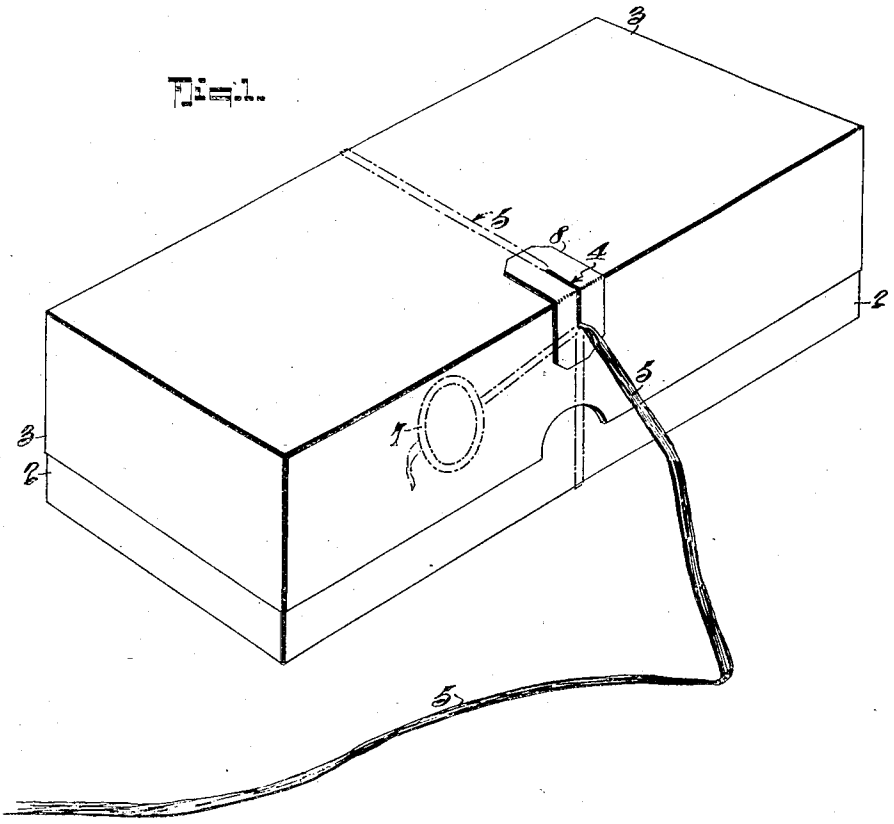
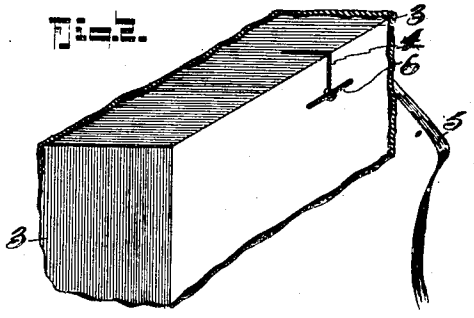


Fig. 2.



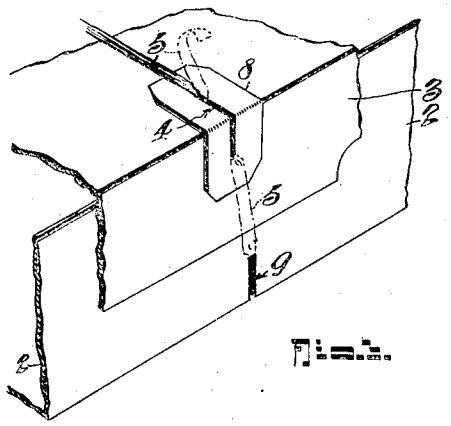


Fig. 3.

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BOX-TIE.

1,354,656. Specification of Letters Patent. Patented Oct. 5, 1920.

Application filed September 9, 1919. Serial No. 322,677.

To all whom it may concern:

Be it known that I, FREDERICK JOUDRY, a citizen of the Dominion of Canada, residing at Prince Rupert, in the Province of British Columbia, Canada, have invented certain new and useful Improvements in Box-Ties, of which the following is a specification.

This invention relates to an improved means for securing the cover on a small mailing box and is designed to facilitate the packing of such to satisfy the requirements of mail inspection and to enable that inspection to be quickly made, but may be applicable to first-class matter if sealed.

The invention is fully described in the following specification, reference being made to the drawings by which it is accompanied, in which:

Figure 1 is a perspective view of the box with the tie secured to the cover, the dot and dash lines indicating the position of the tie when secured and sealed, and

Fig. 2 is a perspective view of the anchorage of the tie on the inner side of the cover.

Fig. 3 shows a modification of the tie anchorage.

In these drawings 2 represents a cardboard box and 3 its cover. About the mid-length of one upper corner of the cover a slit 4 is cut, preferably with a thin bladed saw, and in the lower end of this cut one end of the tie 5 is secured to the inside, either by a short piece of wire 6 see Fig. 2 across the saw cut, or by pasting a patch of paper or fabric across the flattened tie on the inner side of the cover.

The tie 5, which is preferably of flat tape, may then be wrapped around the box 2 and its cover 3 and the free end of 5 being drawn tight is passed into the slit 4. The tie 5 being thicker than the slit is tightly gripped by the edges when the tension on the tie is relaxed and resists accidental release, but may be quickly withdrawn when tension is applied to it to effect this.

In this condition the tie is applicable for all except first-class mail matter where inspection is a requirement.

For first-class matter, or for delivery where inspection is not desired, the free end of the tie 5 is turned to one side and sealed at 7, either with wax or by a gummed paper seal, as shown by dot and dash lines in Fig. 1.

The outer edges of the slit 4 may be reinforced by a patch 8 of tough paper or fabric pasted over the corner of the cover at the location of the slit.

The device is both simple and effective. It adds nothing to the cost of the box beyond the slight work involved in cutting the slit, and that extra work is more than compensated for in the saving of time employed in effecting the tie and in the less length of tie cord or tape required.

It has the further advantage that it renders inspection more easy by the postoffice authorities, when such is necessary, and that without depriving the sender of the opportunity of sealing his package if so desired.

Although the anchorage 6 of the tie 5 is so far described and illustrated as inside the box in the slit 4, a knot may be formed on the tape and that knot may be passed into the slit from the outside, drawn close against the slit and the tie passed around the box and entered in the same slit; or a supplementary slit 9, see Fig. 3, may be cut in the bottom corner of the box adjacent the slit 4 into which the anchorage knot 6 may be drawn and the tie thereafter be passed into the slit 4, around the box and into the slits 8 and 4, affording thereby additional security to the fastening.

Obviously the tie slits may be toward one end of the box to provide more accommodation for the address label, if necessary.

Having now particularly described my invention, I hereby declare that what I claim as new and desire to be protected in by Letters Patent, is:

1. A means for securing the cover on a box, said means comprising in combination with the box and a telescopically applied cover, said cover having a slit across the corner, a tie, one end of which is anchored in the slit and is adapted to pass around the box and its cover and allow the free end to be drawn into the slit.

2. A means for securing a cover on a box, said means comprising in combination with a box and an applied cover, a tie, one end of which is anchored to the inner face of one flange of the cover with the free end projected through the said edge and adapted for being passed around the box and its cover and sealed on the outside, said box having a slit in one edge through which the free end of the tie may be drawn, when passing the said tie around the box and the cover.

3. A means for securing the cover on a

box, said means comprising in combination with the box and a telescopically applied cover, said cover having a slit across the corner, a tie, one end of which is anchored in the slit and is adapted to pass around the box and its cover and allow the free end to be drawn into the slit and sealed on the outer side, the box having a slit across a corner, the said slit being in alinement with the slit on the adjacent edge of the cover as set forth.

In testimony whereof I affix my signature.

FREDERICK JOUDRY.