

E. B. SHAND.
 SPLICER FOR SASH STRAPS AND CORDS.
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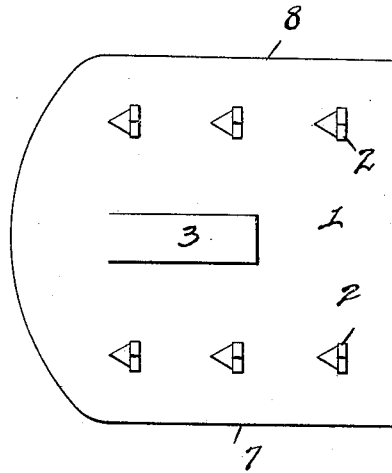


Fig. 3.

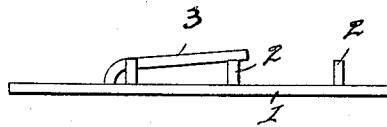


Fig. 4.

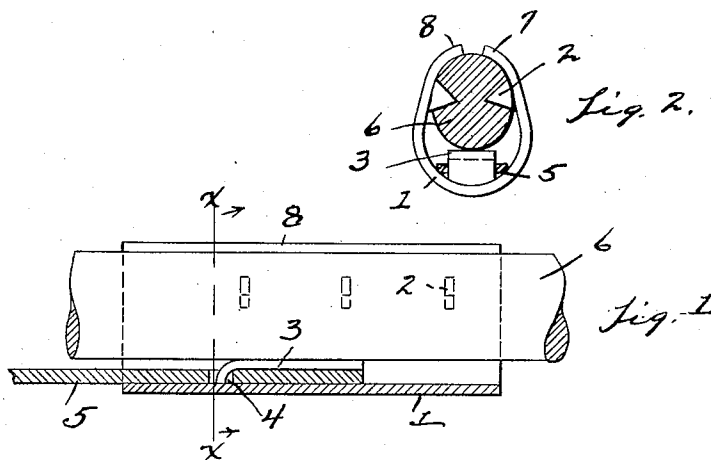


Fig. 1.

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SPLICER FOR SASH STRAPS AND CORDS.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, E BLAKE SHAND, a citizen of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in Splicers for Sash Straps and Cords, and declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to a device for splicing cables or cords to straps, and its object is to provide a cheap and efficient device adapted to be wrapped about the end of a cord to fixedly secure the same thereto and having means for receiving a strap end and securing the same to the splicer. The device is particularly adapted for use with sash cords and straps or tapes. In the repair of old buildings where new sash are to be put in old frames, which sash are arranged to use a sash tape or strap, and in which a sash cord and pulley is provided in the frame, the sash tape is extended slightly above the top bar of the sash and secured to this splicer in a manner hereinafter described and the splicer wrapped about an adjacent end of the sash cord. By such arrangement the sash cord, weights and pulley may be used with the new type of window sash. These objects and the several novel features of the invention are hereinafter more fully described and claimed and shown in the accompanying drawings in which—

Figure 1 is a sectional elevation of my improved splicer attached to a sash cord and tape.

Fig. 2 is a cross section thereof taken on line *x—x* of Fig. 1.

Fig. 3 is a plan view of the blank as punched to provide the fastening device for the cord and tape.

Fig. 4 is a side elevation thereof.

The drawings show the device considerably enlarged for use with sash cord which is usually about an eighth of an inch in diameter. The device consists of a blank

1 of comparatively soft sheet metal having prongs 2 struck up from the body thereof near each longitudinal edge 7 and 8 of the blank. Centrally of the blank is a lip or tongue 3 cut from the blank on three sides and struck up therefrom as is indicated more clearly in Fig. 4. This lip or tongue 3 is of a size to pass through an aperture 4 provided in the tape 5 as is indicated in Fig. 1, and (although not so shown) this tongue 3 after the tape is positioned thereon may be forced downward, at least partially, into the body of the blank in the opening formed in making the tongue. After the tape 5 is in place the end of the cord 6 is placed thereon and the two opposite longitudinal edges 7 and 8 of the blank are wrapped around the cord in a manner indicated in Fig. 2 with the prongs 2 forced into the body of the cord to fasten the same in the splicer. The utility of the device is evident from the drawing and foregoing description from which it may be seen it is inexpensive in form being shaped by a die adapted to strike up the prongs 2 and the tongue 3 in the body of the blank and being of comparatively soft metal, the device may be readily folded about the cord and tape as shown.

Having thus briefly described my invention what I claim is—

1. A splicer for splicing a cord to a tape consisting of a blank of comparatively soft metal having a substantially central tongue on one side of the body thereof and prongs provided on the same side adjacent each longitudinal edge of the blank, the tongue providing a means for attaching a tape thereto and the device adapted to be folded about the sash cord and tape with the prongs engaging the cord.

2. A splicer for connecting adjacent ends of a sash cord and a tape or the like consisting of a blank having a series of prongs near opposite edges and a tongue extending upward from the body of the metal between the said series of prongs, the tongue providing a means for attaching the tape and the blank being adapted to be folded about the sash cord with the prongs engaging the

body of the cord and holding the cord in contact with the tongue preventing displacement of the tape.

3. A splicer for splicing adjacent ends of
5 a cord and metal strap consisting of a flat metal blank having a tongue on one side of the body thereof, the metal strap having an aperture in the end thereof through which

the tongue may be passed to secure the strap to the blank, and the blank being adapted to be folded about the cord and strap to secure the same together.

In testimony whereof, I sign this specification.

E. BLAKE SHAND.