

S. & T. SVENSON.
METALLIC HOOP OR BAND.
APPLICATION FILED APR. 14, 1910.

983,093.

Patented Jan. 31, 1911.

Fig. 1.

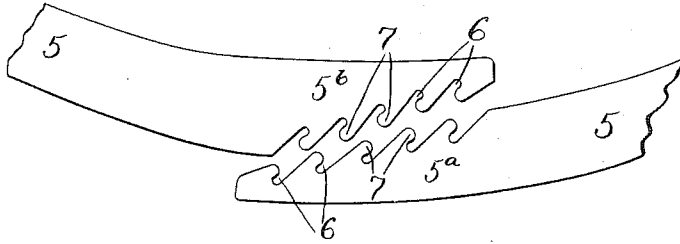


Fig. 2.

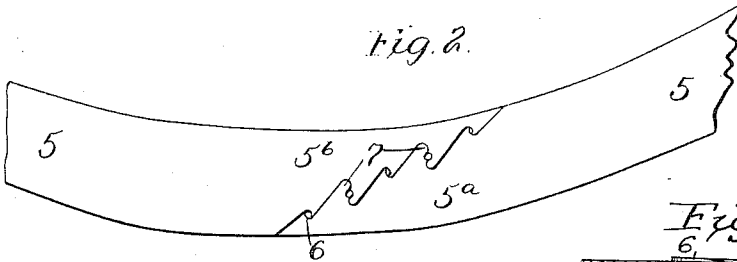


Fig. 6.



Fig. 3.

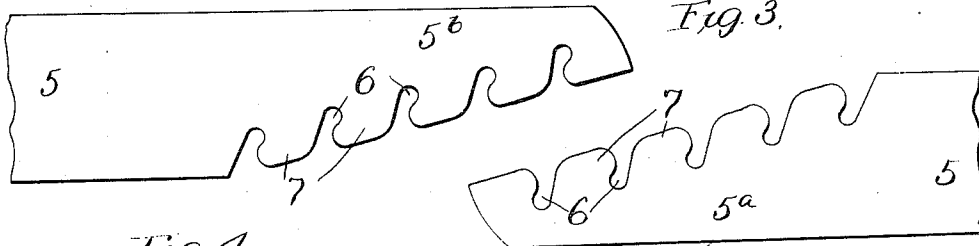


Fig. 4.

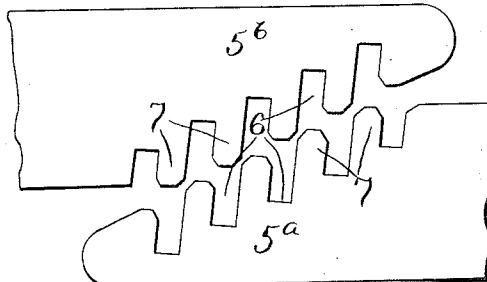
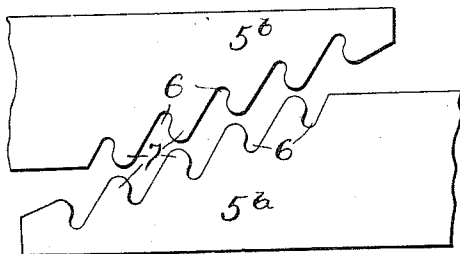


Fig. 5.

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UNITED STATES PATENT OFFICE.

SVEN SVENSON AND TOBIAS SVENSON, OF LA CROSSE, WISCONSIN.

METALLIC HOOP OR BAND.

983,093.

Specification of Letters Patent.

Patented Jan. 31, 1911.

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To all whom it may concern:

Be it known that we, SVEN SVENSON and TOBIAS SVENSON, citizens of the United States, residing at La Crosse, Wisconsin, have invented certain new and useful Improvements in Metallic Hoops or Bands, of which the following is a specification.

Our present invention relates to improvements in metallic barrel hoops, bale ties and the like, and the object of the invention is to provide a one-piece hoop with integral fastening means which shall be of maximum strength and durability, and which may be produced at a minimum cost.

The invention includes the novel features of construction hereinafter described and particularly set forth in the appended claim.

A hoop constructed in accordance with our invention is illustrated in the accompanying drawings in which,

Figure 1 is a perspective view of the hoop or band with the ends separated, and Fig. 2 is a view of the ends interlocked. Figs. 3, 4 and 5 are views of a modification. Fig. 6 is an enlarged sectional view.

Referring by reference characters to this drawing the numeral 5 designates the band which is constructed of sheet metal in the ordinary manner except at the ends which are shaped to form a special fastening or connecting means which constitutes the present invention. The two ends 5^a and 5^b, which are to be connected, are cut on the bias to provide opposing and correspondingly inclined edges as shown, and these edges are provided with notches or cut away portions 6, forming hook shaped projections 7. The hooks of both portions are of the same shape and arrangement, so that both ends of the hoop may be shaped by the use

of a single die or cutter, and as the two ends correspond in inclination there is practically no waste of material in the formation of the fastening.

The teeth or projections of each end of the band are alternately bent or inclined slightly in opposite directions and when the hoop or band has been drawn around the article upon which it is to be used and the two ends engaged as shown, it will be seen that a plurality of interlocking points of engagement are provided disposed at intervals and extending practically the full length of the band. At the same time the two ends of the loop or band are in alinement so that the joint presents the appearance of a practically continuous hoop. Owing to the hook shape of the projections accidental disengagement of the parts is practically impossible.

In the form shown in Fig. 5 the lugs, instead of being hook shaped extend at right angles to the line of the band. By this arrangement the lugs all line on one side, leaving the band or hoop with a perfectly smooth surface on the other side.

Having thus described our invention what we claim is:—

A metallic hoop or band having at its opposite ends reversely inclined side edges provided with opposing interlocking projections, the projections at each edge being alternately inclined in opposite directions out of the plane of the band.

In testimony whereof, we affix our signatures in presence of two witnesses.

SVEN SVENSON.

TOBIAS SVENSON.

Witnesses:

JAMES THOMPSON,
GEO. P. BUMP.