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INTERLOCKING MEMBER FOR SLIDE FASTENERS

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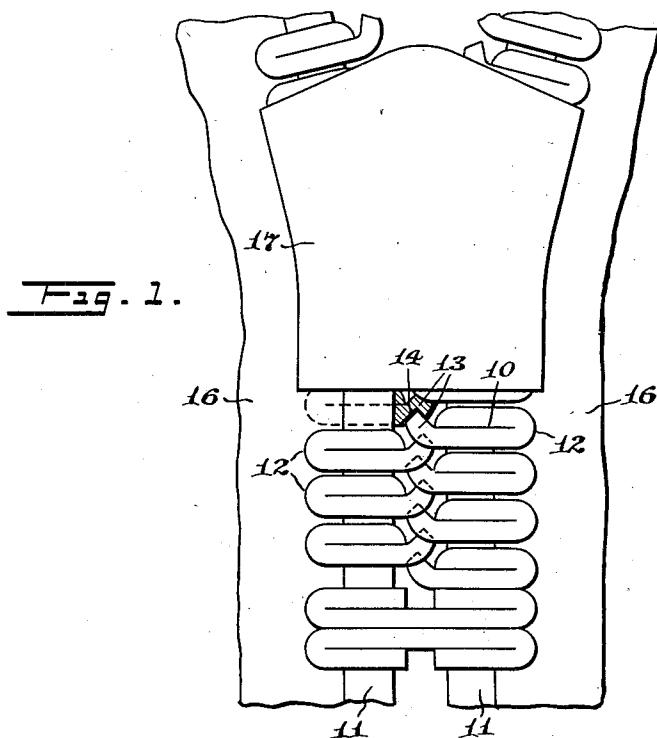


Fig. 2.

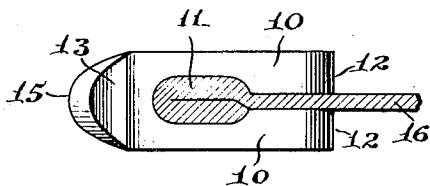
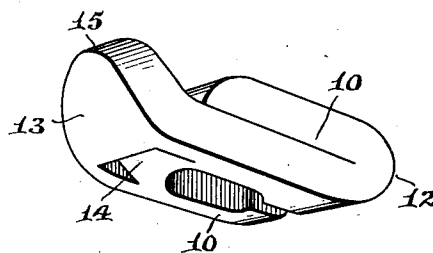


Fig. 3.



WITNESSES

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INTERLOCKING MEMBER FOR SLIDE FASTENERS

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This invention relates to the construction of interlocking members for slide fasteners, wherein each of the interlocking members is secured at one end to a flexible stringer, and wherein the members are arranged in staggered relation, for interlocking engagement with each other, and also unlocking, by the coaction therewith of the slide.

The invention has for its general object the provision of an interlocking member of the indicated character of improved construction, whereby the necessary number of members may be set close together and be secured to a flexible stringer, yet afford sufficient space between their projecting locking ends for the locking and unlocking thereof with adjacent members, to obtain a more effectual joining of the meeting edges of an article; and to provide an improved construction whereby sharp edges are eliminated to thereby enable the slide to be easily and conveniently operated and for other obvious purposes.

The nature of the invention and its distinguishing features and advantages will appear when the following specification is read in connection with the accompanying drawings, in which

Figure 1 is an elevation, partly in section, showing a plurality of interlocking members each constructed in accordance with the invention, some of which are interlocked and others of which are unlocked.

Figure 2 is a plan view of one of the interlocking members as applied to a flexible stringer or bead of an article.

Figure 3 is a perspective view of the interlocking member.

Referring now more particularly to the several views of the drawings, it will be apparent that, in accordance with the invention, there is provided an interlocking member which will be used as illustrated.

The interlocking member is developed from a single blank, bloom or ingot. The member is bifurcated to present a pair of furcations 10 which receive therebetween a flexible stringer or bead 11 on the material of an article on which the fastener is applied.

The furcations 10 are bent upon themselves to present attaching portions which serve to secure the member at one end to the stringer or bead 11 with its other end projecting laterally therefrom. Each of the attaching portions 10 will be rounded as at 12, and also will be twice the thickness of the projecting end 13. This projecting end 13 is of tapering form, terminating in a rounded extremity 14 and extends at an angle with respect to the portions 10. A recess 15 corresponding to the shape of the end 13 is formed in the underside of the said end 13, to receive the end 13 of an opposing member, inasmuch as a multiplicity of similar members will be used and arranged on the flexible stringers or beads of the meeting edges 16 of an article, in staggered relation for interlocking engagement and unlocking, by the action of any suitable slide 17 conventionally shown.

From the foregoing it will be apparent that by reason of the relatively thick attaching portions 10 the interlocking member will be strong and durable; that the desired number of interlocking members may be closely associated; that the rounded terminal 12 facilitates the movement of the slide; that by rounding the member as at 12 and 15 there will be no sharp edges at these points to catch on threads and fibres.

What is claimed is:

1. A slide fastener interlocking member bifurcated to receive a flexible stringer, the furcations of said member being bent upon themselves to form attaching portions of two thicknesses contacting with each other, and an interlocking end formed on one of said thicknesses and projecting beyond the other thickness.

2. A slide fastener interlocking member bifurcated to receive a flexible stringer, the furcations of said member being bent upon themselves to form attaching portions of two thicknesses, and an interlocking end formed on one of said thicknesses and projecting beyond the other thickness, and said end having an interlocking recess therein.

3. A slide fastener interlocking member bifurcated to receive a flexible stringer, the

furcations of said member being bent upon themselves to form attaching portions of two thicknesses contacting with each other, and an interlocking end integral with one of said thicknesses and projecting beyond and at an angle to the other thickness.

4. A slide fastener interlocking member comprising a piece of material bent upon itself with the bent portions thereof in contact with each other, said member having means on one end for securing the member to a flexible stringer, and one of said portions having an interlocking end projecting beyond the other portion.

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