J. S. DELANEY.

FINISHING WELT.

APPLICATION FILED JULY 8, 1920.

1,360,196. Patented Nov. 23, 1920.

Fig.2.

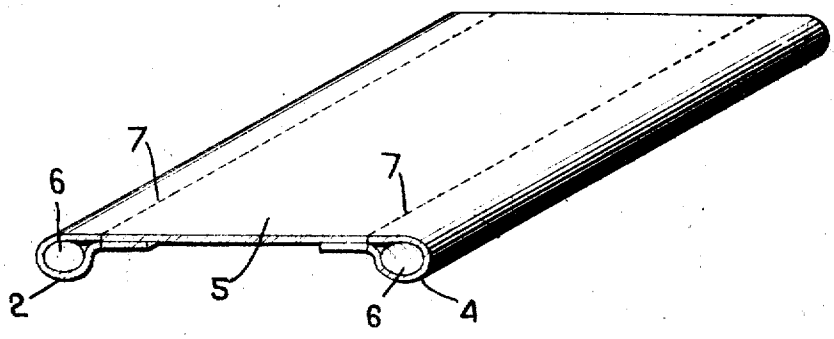


Fig.3.

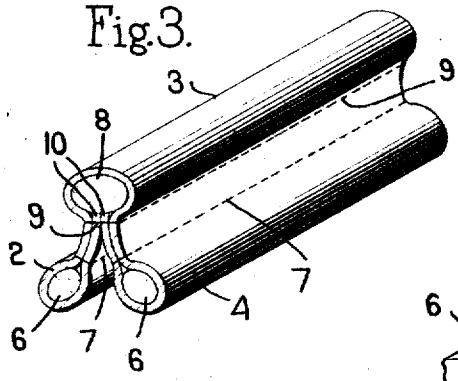


Fig.1.

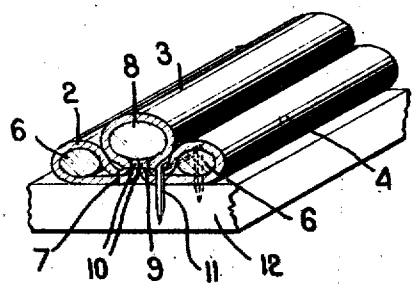
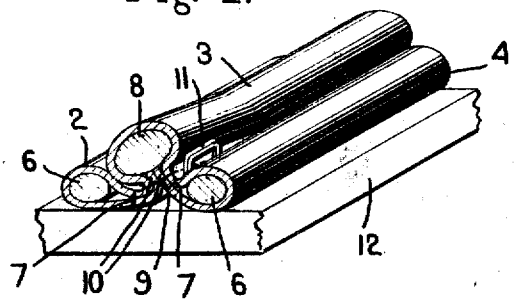


Fig.4.



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UNITED STATES PATENT OFFICE.

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FINISHING-WELT.

1,360,196. Specification of Letters Patent. Patented Nov. 23, 1920.

Application filed July 8, 1920. Serial No. 394,738.

To all whom it may concern:

Be it known that I, JOHN S. DELANEY, a citizen of the United States, residing at Lynn, county of Essex, State of Massachusetts, have invented an Improvement in Finishing-Welts, of which the following description, in connection with the accompanying drawing, is a specification, like characters on the drawing representing like parts.

This invention relates to finishing welts such as are used for finishing upholstery of automobiles and similar structures, and it relates particularly to a welt of that type which includes in its structure a plurality of parallel beads extending longitudinally thereof and between which the fastening means by which the welt is secured in place are inserted.

One of the objects of the invention is to provide a novel welt which is so constructed that the stitching by which the body or covering and the beads are held together is entirely concealed between the beads, and also to provide a novel welt in which the fastening means by which the welt is secured in place will be concealed between the beads.

In order to give an understanding of my invention, I have illustrated in the drawings a selected embodiment thereof which will now be described, after which the novel features will be pointed out in the appended claims.

In the drawings, Figure 1 is a perspective view of a welt embodying my invention;

Fig. 2 is a sectional perspective view showing the first stage in the manufacture of the welt by which the edge beads are secured in position;

Fig. 3 is a sectional perspective view showing the next stage by which the center bead is secured in position;

Fig. 4 is a perspective view showing the center bead separated from one of the edge bead sufficiently to permit a fastening device to be inserted.

1 indicates generally a welt embodying my invention and in the form herein illustrated it is provided with three beads which extend longitudinally thereof and which are indicated at 2, 3, and 4, respectively. The beads 2 and 4 are situated at the edges of the welt, and for convenience will hereinafter be referred to as the edge beads. The bead 3 situated between the edge beads 2 and 4 and partially superposed thereon will be hereinafter referred to as the center bead.

The center bead 3 may be slightly flattened if desired so that the complete welt shows three beads, to wit: a relatively large center bead and two smaller edge beads.

These various beads are connected together in such a way that the stitching or other fastening means by which they are held in place is entirely concealed between the beads, and also so that the center bead can be separated slightly from either edge to permit a fastening to be driven between the edge beads and beneath the center bead thereby to secure the welt in place.

I have illustrated in Figs. 2 and 3 one convenient way of producing a welt having this construction. I take a strip 5 of fabric or some other suitable covering material and form a bead in each edge thereof, these beads constituting the edge beads 2 and 4. This may be done by folding the edges of the strip 5 over two cord-like elements 6 which may be formed from paper or any other suitable material. The edges of the strip 5 which are folded over these cord-like elements 6 are preferably sewed to the body of the strip by lines of stitching 7, thus securing the cord-like elements to the strip 5 and forming bead-like edges to the strip. The strip 5 is then folded about another cord-like element 8, as shown in Fig. 3, and the two sides of the strip are secured together in some suitable way as by means of a line of stitching 9. This line of stitching is so placed as to cause the strip or covering 5 to closely embrace the cord-like element 8 and thus form the center bead 3. After the center bead 3 is thus formed, then the two edge beads 2 and 4 are separated from each other and carried against the center bead 3, thus forming the welt having the three-bead appearance shown in Fig. 1.

In folding the edge portions of the strip 5 around the cord-like elements 6 to form the edge beads 2 and 4, I will preferably carry the edges 10 thereof sufficiently beyond the stitching 7 so that when the strip is folded around the cord-like element 8 and the stitching 9 is inserted, said stitching will also pass through the edges 10.

When the welt is in the completed form shown in Fig. 1, the stitching 7 and 9 by which the covering 5 is secured to the cord-

like elements is entirely concealed between the beads, and, therefore, when the welt is applied to any article there is no stitching apparent.

In securing the welt in place the center bead 3 will be lifted or separated from either edge bead, as shown in Fig. 4, and then a fastening device, such as a nail, tack, or double-headed tack 11, may be driven through the covering between the edge welt and the center welt and into the support 12 to which the welt is to be fastened. The driving of the fastening will serve to draw the center bead firmly down against the edge beads, thus closing any gap between the two and the fastening will be entirely concealed between the beads.

After the fastening devices have been inserted, the center bead 3 will be held so tightly against the edge beads 2 and 4 as to prevent the center bead from being separated from the edge beads. The construction, thereof, not only provides for concealing the fastening members between the beads, but also is such that the fastening members hold the center bead firmly against the edge beads, thus preventing said center bead from being separated from the edge bead sufficiently to disclose either the fastening means or the stitching.

I claim:

1. A finishing welt having a bead at each edge thereof and a center bead situated between the edge beads and partially overlying them, said beads being connected by means which holds them in their relative positions, but permits the center bead to be separated from either edge bead sufficiently to allow a fastening to be inserted between the separated beads.

2. A finishing welt comprising a plurality of cord-like elements and a covering of fabric or similar material inclosing said cord-like elements thereby to form bead portions, said covering being secured to the cord-like elements by stitching which is concealed between the bead portions.

3. A finishing welt comprising a cord-like element, a strip of covering material folded about the cord-like element and having the two sides thereof stitched together, and other cord-like elements about which the edge portions of said strip are folded, the first cord-like element forming a center bead and the other cord-like elements forming edge beads and said strip providing a cover for all the beads.

4. A finishing welt comprising a single strip of fabric or similar material having beads formed at its edges and a cord-like element about which the center portion of said strip is folded thereby to form a center bead.

5. A finishing welt comprising a center cord-like element, a covering strip folded about said element and having its edges stitched together beneath said element thereby forming a center bead, two edge cord-like elements about which the edge portions of the strip are folded thereby to form edge beads, and stitching uniting the edges of the strip to the body thereof which is concealed between the center bead and the edge bead.

6. A finishing welt comprising a plurality of cord-like elements, a covering strip or envelop inclosing said cord-like elements and thereby forming beads, and stitching securing said covering in position, which stitching is located so as to be concealed between the beads.

7. A finishing welt comprising a plurality of parallel cord-like elements, of a covering strip inclosing said cord-like elements separately and thereby forming beads and secured thereto by fastening means which is concealed between the beads.

8. A finishing welt having a plurality of parallel beads connected by a flexible web, and fastening means inserted through the flexible web for fastening said welt to a support, said fastening means drawing the beads tightly together and being concealed between the beads.

9. A finishing welt having two edge beads and a center bead overlying the edge beads, said center bead being connected to each edge bead by a flexible web, and fastening means inserted through said flexible webs and into a suitable support, said fastening means being concealed between the webs and not only securing the welt to the support, but also drawing the beads tightly together.

In testimony whereof, I have signed my name to this specification.

JOHN S. DELANEY.