

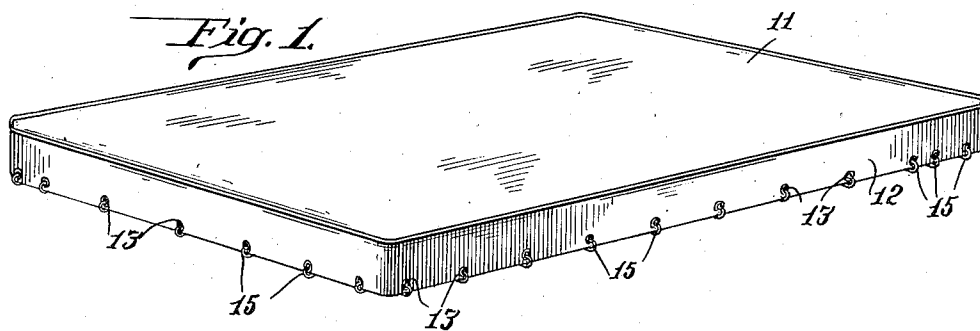
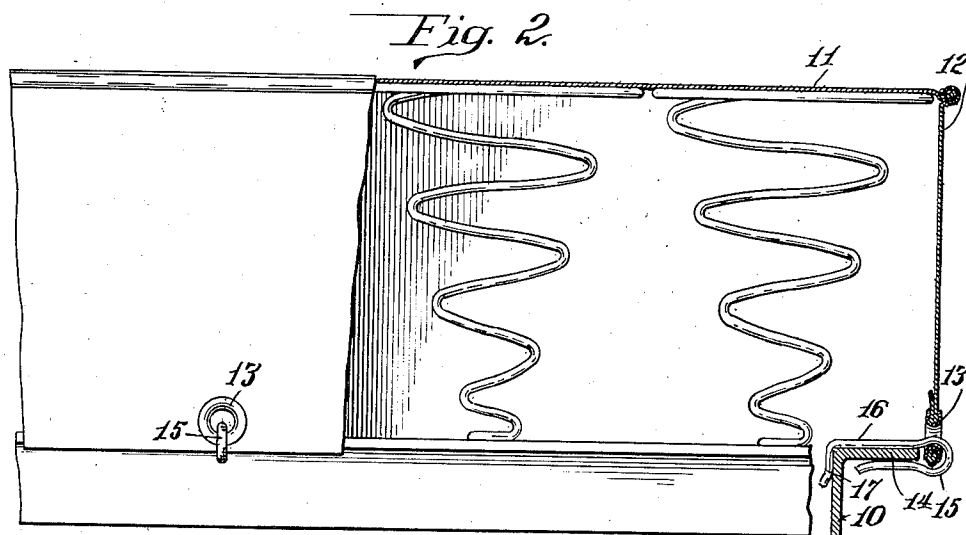
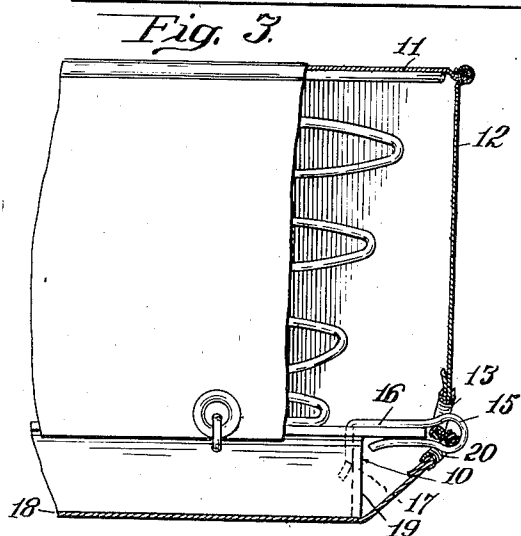
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BEDSPRING AND COVER RETAINING CLIP THEREFOR

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BEDSPRING AND COVER RETAINING CLIP
THEREFOR

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2 Claims. (Cl. 5—354)

It is the prevailing practice to provide spring mattresses with supporting spring assemblies, commonly called bed springs. The mattress is quite soft, and is intended to yield to conform to the contour of the body of the user. The supporting spring assembly is provided with stiffer springs and yields to the entire load.

These lower or foundation springs are ordinarily made with rigid framing for carrying the spring elements. They are not padded, but good practice requires that they be inclosed in a fabric casing which should be readily removable in the interests of cleanliness.

The present invention has for its object the provision of a suitable casing for such a spring assembly, and of convenient means for removably attaching the casing.

The character of the invention will be readily understood from the accompanying drawing and description.

In the drawing:

Fig. 1 is a view in perspective of a bed spring inclosed in the improved casing;

Fig. 2 is an end view of the same, partly in section;

Fig. 3 is a similar view showing the casing as having a bottom panel; and

Fig. 4 is a side view of the improved clip for securing the casing to the spring assembly.

The body of the bed spring may be of any desired construction, and as its framing only is of importance in connection with the present invention its other features are not shown. The bed spring is, of course, usually oblong rectangular in form, and has a vertical dimension of six to eight inches. It is provided with a bottom frame usually made up of angle bars, as shown at 10. The casing may cover only the top and sides of the assembly, and such construction is shown in Fig. 2, it being made up of a panel 11 extending over the entire area of the upper face of the assembly, and a skirt 12 attached to the margins of the panel 11 and extending entirely around it. This skirt is of sufficient depth to reach to the lower frame 10, and in accordance with the present invention its lower margin is attached to this frame. The skirt is provided along its lower edge with a plurality of eyelets 13.

The bottom frame is usually made of angle bars, as shown, one of the flanges, as 14, extending horizontally outward. Whether the bar have also a vertical flange is immaterial to the present invention. The skirt 12 is secured to the flange or bar 14 by means of forked and hooked spring clips 15.

The clip 15 is made of wire and, being roughly U-shape or hairpin shape, has one of its arms

thrust through an eyelet, and straddles the horizontal flange or bar 14. The upper arm, 16, of the clip is prolonged and bent downwardly, as shown at 17, to engage or hook over the inner margin of the element 14, and may, if desired, extend downwardly along the inner vertical face of the companion flange, if the bar be of the angle form.

The clip is made of spring steel and its arms are normally closer together than the thickness of the flange of the angle bar upon which they are to fit. The skirt 12 of the casing is of such width that it is drawn taut in order to bring its eyelets 13 in line with the bar. The clip is of sufficient strength to resist the upward strain of a tight-fitting casing, and its hooked portion 17 prevents it from being dislodged from the frame.

When desirable the bottom of the bed spring may be covered by a removable panel 18 of the casing, and this panel may be secured by the same set of clips 15 which hold the upper portion of the casing. As shown in Fig. 3, the bottom panel 18 of the casing is stretched across the vertical flanges 19 of the angle bar of the framing, its margins being deflected upwardly to meet the lower margin of the skirt 12. The panel 18 is provided with a series of eyelets 20 along its margins, corresponding in number, spacing and location with the eyelets 13 of the skirt 12. One arm, preferably the lower arm, of the clip 15 is threaded through an eyelet 20, and thus the entire casing is easily applied and removed and is securely held against accidental displacement.

I claim as my invention—

1. In combination, a bed spring assembly having an angle bar framing, a fabric casing therefor comprising panel portions applied, respectively, to the top and bottom faces of the assembly, and a skirt attached to one of such panels and covering the sides of the assembly, the skirt and detached panel having registering eyelets, and forked securing clips having their arms set through companion eyelets and straddling an outstanding flange of the angle bar, one arm being prolonged and inclined to overlap the inner margin of such flange.

2. In combination, a bed spring assembly having a rigid bottom frame comprising a horizontal bar, a fabric casing for the assembly comprising panels for covering both faces thereof and a skirt depending from the upper panel, the skirt and lower panel having registering eyelets, and forked securing clips the arms of which pass through mating eyelets and straddle the bar, one arm being bent to hook over the inner margin of the bar.

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