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E. I. AXLRD
ROLLED EDGE SECURING MEANS

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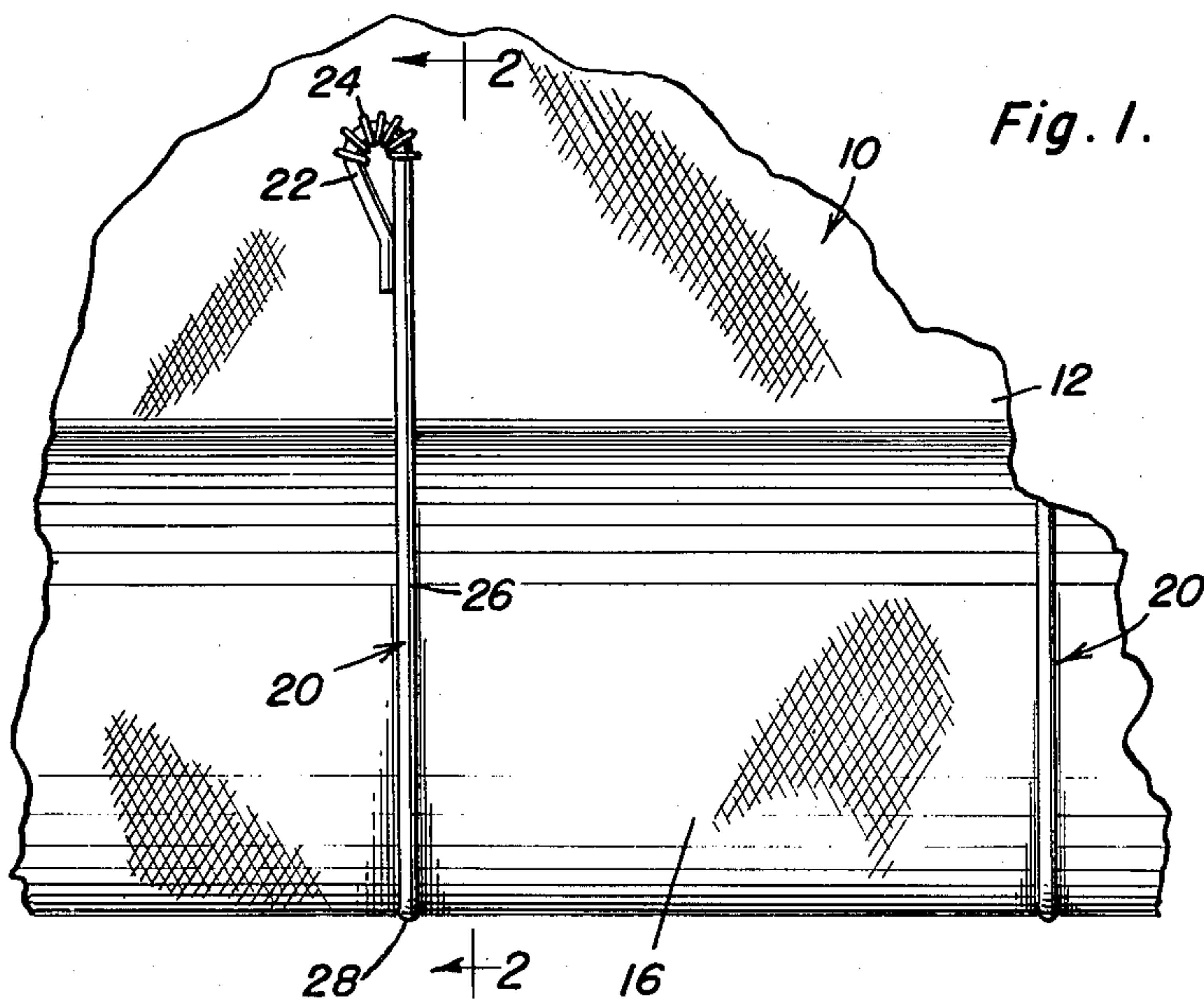


Fig. 1.

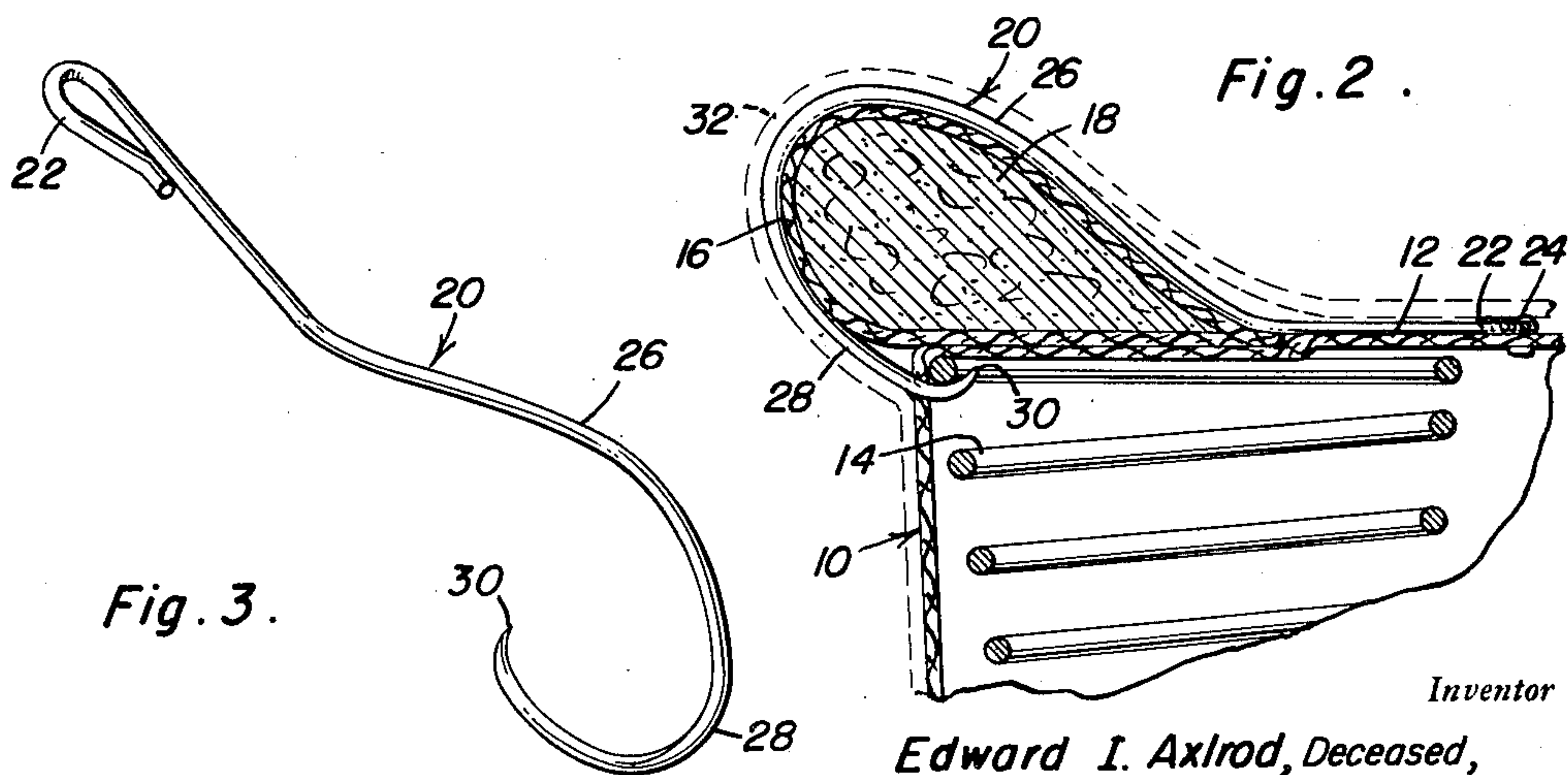


Fig. 3.

Fig. 2.

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ROLLED EDGE SECURING MEANS

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1 Claim. (Cl. 155—184)

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This invention relates to new and useful improvements and structural refinements in the fabrication of upholstered furniture such as chairs, davenports, chesterfields, etc., and in particular the invention concerns itself with means for securing the rolled edge to the fabric of the spring frame. In accordance with conventional practice, this rolled edge was stitched along its entire length to the fabric of the spring frame, this being a tedious procedure involving substantial cost in production and considerably limiting the output of a worker in a given period of time.

It is therefore, the principal object of this invention to eliminate the procedure of stitching the rolled edge and its attendant disadvantages, this object being achieved by the provision of a hook-shaped wire rod whereby the rolled edge may be firmly, conveniently and expeditiously secured to the fabric of the spring frame.

An important feature of the invention resides in the particular configuration of the wire rod which facilitates convenient and expeditious installation thereof, and another feature lies in the provision of means on the wire rod, for securing the same to the fabric of the spring frame.

Some of the advantages of the invention lie in its simplicity of construction, in its convenient and expeditious use, and in its adaptability to economical manufacture.

With the above more important objects and features in view and such other objects and features as may become apparent as this specification proceeds, the invention consists essentially of the construction and arrangement of parts as shown in the accompanying drawings in which:

Figure 1 is a fragmentary top plan view showing a portion of a fabric covered spring frame together with a portion of the rolled edge retained thereon by means of the invention.

Figure 2 is a cross sectional view, taken substantially in the plane of the line 2—2 in Figure 1, and

Figure 3 is a perspective view of the invention per se.

Like characters of reference are employed to designate like parts in the specifications and throughout the several views.

Referring now to the accompanying drawings in detail, the general reference character 10 des-

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ignates the spring frame of an upholstered article of furniture such as a chair, davenport, or the like, this frame being covered by a sheet of fabric 12 and containing a plurality of coil springs 14, as will be clearly apparent. A rolled edge 16, containing suitable packing 18, is positioned on the forward upper edge portion of the frame 10, and was conventionally stitched thereto along its entire length.

However, this stitching is eliminated by the use of the invention, the same consisting of a hook-shaped wire rod 20, one end portion of which is arcuated so as to form an eye or loop 22, adapted to be secured by stitching 24 to the fabric 12 on top of the spring frame 10.

An intermediate portion of the rod 20 is arcuated upwardly and forwardly as at 26 and then downwardly as at 28, so that it extends around the rolled edge 16 as is shown in Figure 2. The remaining end portion of the rod 20 is arcuated rearwardly as at 28 and terminates in an upturned, pointed extremity 30, the rod portion 28 being adapted for insertion into the frame 10 and the extremity 30 being intended to engage one of the coils of the spring 14, substantially as shown.

By virtue of this arrangement the rod 20 is firmly held in position and thereby serves to secure the rolled edge 16 to the frame 10, this being accomplished by simply stitching the eye 22 to the fabric 12 and engaging the extremity 30 with the spring 14, without the conventionally experienced necessity of stitching the entire length of the rolled edge to the spring frame fabric.

Needless to say, several of the rods 20 are employed for retaining the rolled edge in position, the rods being applied to the rolled edge at longitudinally spaced points and after this work is completed the rolled edge as well as the rods are effectively covered by an additional sheet of fabric as indicated by the line 32.

It is believed that the advantages and use of the invention will be clearly apparent from the foregoing disclosure, and accordingly, further description at this point is deemed unnecessary.

While in the foregoing there has been shown and described the preferred embodiment of this invention it is to be understood that minor changes in the details of construction, combination and arrangement of parts may be resorted to

without departing from the spirit and scope of the invention as claimed.

Having described the invention, what is claimed as new is:

In an upholstered furniture structure including a fabric covered spring frame and a rolled edge provided at the forward upper edge of said frame, means for securing said rolled edge in position, comprising a wire rod provided at one end thereof with an eye lying flatly on the fabric at the top of said frame, stitching securing said eye to said fabric, an intermediate portion of said rod being arcuated upwardly and forwardly and then downwardly to extend around said rolled edge, and the remaining end portion of the rod being arcuated rearwardly to extend into said

frame and terminating in an upwardly directed pointed extremity, said last mentioned portion of the rod extending into said frame and engaging one of the springs of the latter.

EVELYN S. AXLRD,
Administratrix of the Estate of Edward I. AxlrD,
Deceased.

REFERENCES CITED

10 The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
15 958,115	Hampton	May 17, 1910