Feb. 14, 1933. H. FOX 1,897,928

UPHOLSTERY EDGE

Filed June 17, 1931

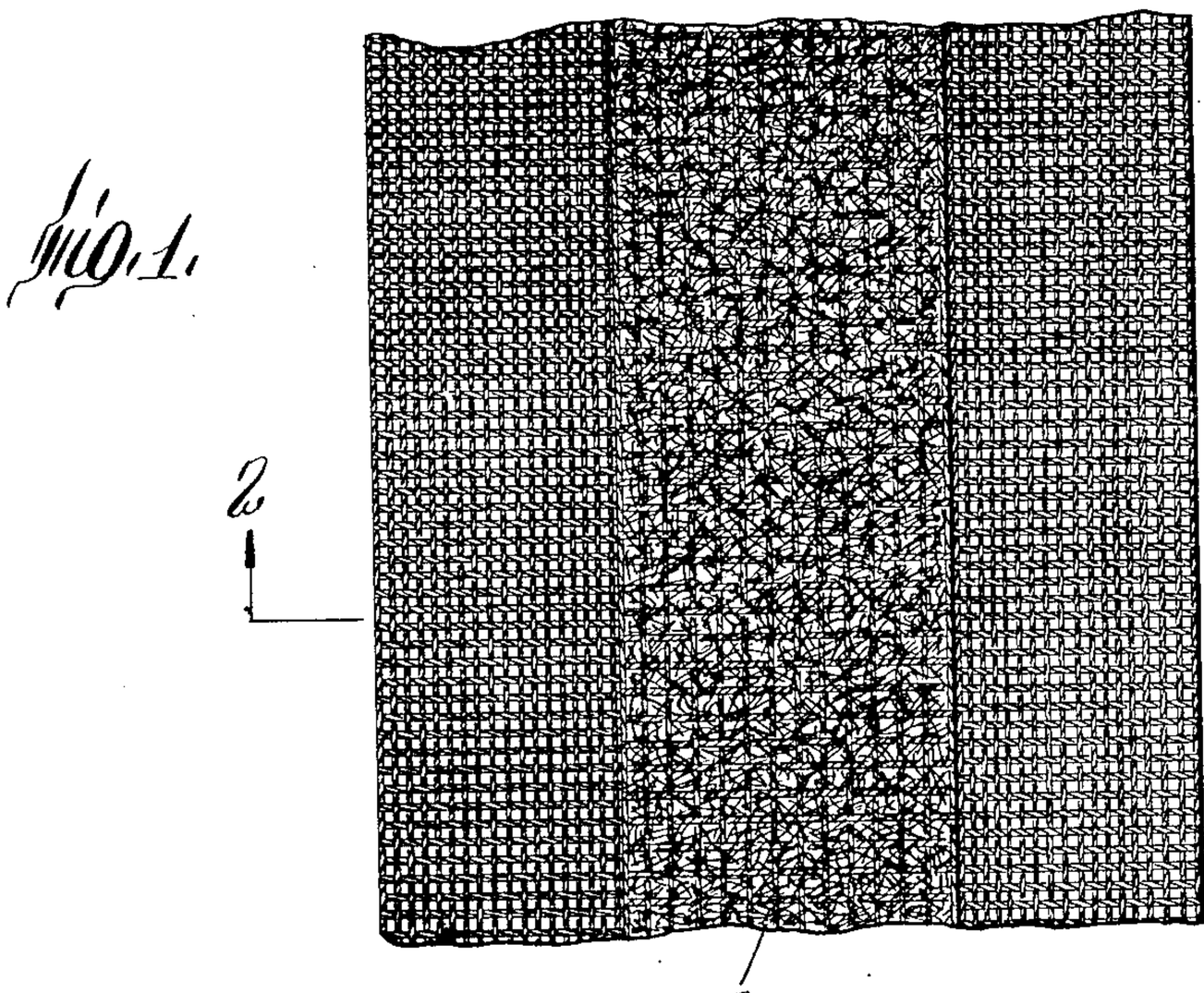

Fig. 1.

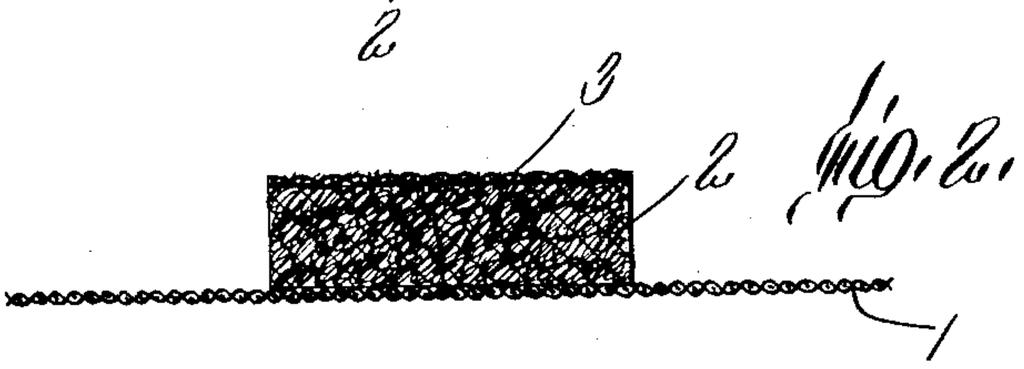

Fig. 2.

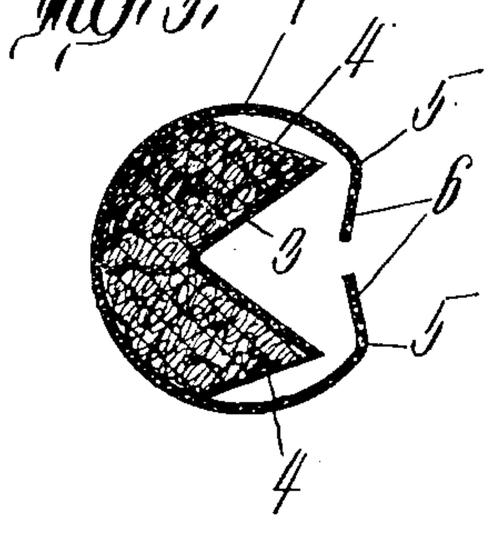

Fig. 3.

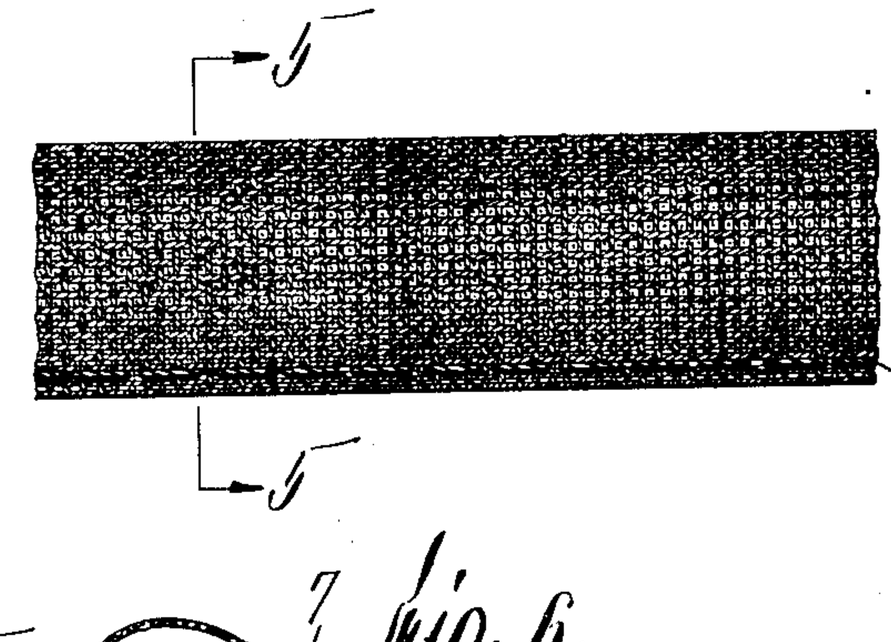

Fig. 4.

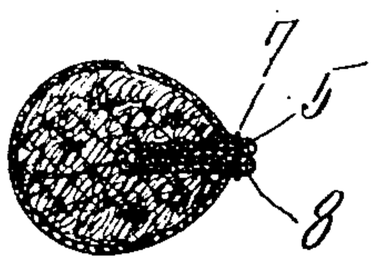

Fig. 5.

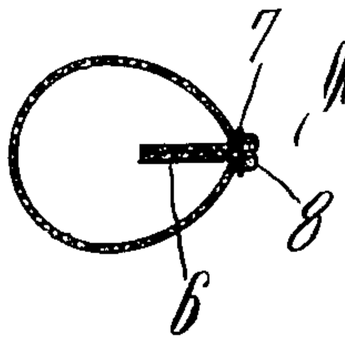

Fig. 6.

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UNITED STATES PATENT OFFICE

HARRY FOX, OF LOWELL, MASSACHUSETTS, ASSIGNOR TO THE FOX EDGE CO. INC., OF LOWELL, MASSACHUSETTS, A CORPORATION OF MASSACHUSETTS

UPHOLSTERING EDGE

Application filed June 17, 1931. Serial No. 545,014.

In my Patent No. 1,741,413 granted December 31, 1929, is disclosed a strip foundation over which upholstery covering material may be passed to form a finished edge, and the foundation or edge there illustrated is provided with a substantial extension fin along one side which may be used for attaching the edge to the frame or other part of the article of furniture. In many parts of furniture, however, it is not necessary to have such a pronounced fin or extension.

The present invention has for its object to provide such an edge construction without such a pronounced fin and which is cheaper to construct than that shown in the patent but which in many cases is quite satisfactory.

For a more complete understanding of this invention, reference may be had to the accompanying drawing in which

Figure 1 is a plan view showing parts arranged to be formed up into the edge material.

Figure 2 is a section on line 2—2 of Figure 1.

Figure 3 is a cross section showing the parts partly folded to form the edge.

Figure 4 is an elevation of the completed edge material ready to be attached to the article of furniture for the covering material to be passed thereover.

Figure 5 is a section on line 5—5 of Figure 4.

Figure 6 is a section similar to Figure 5 but with the core omitted.

Referring to the drawing, at 1 is shown a strip of fabric such as burlap or the like. This fabric is intended to be wrapped about a central core to form the edge, and while in its broader aspects this invention is not limited to the use of any particular core material, preferably this core is formed of a folded strip of loosely felted material such as jute, hair or the like. In order that such material may be handled readily without disintegration it is preferable that it be reinforced with a layer of fabric to which it is secured. As herein shown the core comprises a rectangular strip 2 of such felted material having a layer 3 of fabric such as burlap to which the felt may be secured as by the well known needling operation in which a gang of needles is passed through the felt and into the fabric, the needles acting to project fibers from the felt into and through the fabric. This core strip in the preferred construction is laid centrally on the fabric layer 1 and preferably with its fabric reinforced face 3 remote from the fabric layer 1. The parts thus assembled are then folded as shown in Figure 3, the fabric reinforcing 3 being preferably on the inside of the fold line, its outer face portions at either side of the center being brought toward each other as shown in this Figure. The sheet material 1 which passes about the outside of the fold is brought up about the edge faces 4 of the core strip and its marginal edges are inwardly turned as along the lines 5 as shown in Figure 3, the margins 6 being tucked inwardly within the fold of the core strip and between the oppositely disposed portions of the reinforcing strip 3. The edges of the fabric strip 3 are secured together slightly inwardly from the fold lines 5 as by a line of stitching shown at 7 in Figures 4, 5 and 6, the core being omitted in Figure 6 so that the position of the covering fabric margin 6 may be more easily seen. By turning the edges of the fabric inwardly the fabric is prevented from raveling and by securing the edge portions of the fabric together somewhat inwardly of the folded edges 5 a relatively short attaching fin 8 is formed which may be used to attach the edge in position on the article of furniture.

Where the core is formed up from a rectangular strip of material as thus described, the core in final form is somewhat egg shaped or bulbous in cross section, the fin 8 extending outwardly from the narrow end substantially radial to the bulbous bead portion formed by the core and its fabric covering. By positioning the core strip with its fabric reinforce 3 on the inner face of the fold the fabric strip is located in the finished strip along a radius in the cross section which is substantially in the neutral axis of any flexure to which the edge is subjected in practice, this being crosswise of the central plane occupied by the marginal edges of the strip 1. Thus during such flexure there is litttle tendency for the fabric

to be pulled away from the felted core material so that the edge maintains its smooth rounded appearance during use. Should the fabric reinforce for the core material be placed on the outside of the fold line such flexure would tend to locally tear the layer away from the underlying felted material, which might detract somewhat from the smooth appearance of the edge after long service.

From the foregoing description of certain embodiments of this invention it should be evident to those skilled in the art that various changes and modifications might be made without departing from the spirit or scope of this invention as defined by the appended claims.

I claim:

1. An upholstery edge comprisnig a core consisting of a strip of felted material having a fabric facing and folded laterally about a longitudinal axis, said core being covered by a layer of fabric having its margins folded inwardly and extended between the folded portion of said core, said cover layer margins being secured together inwardly of their folded edges.

2. An upholstery edge comprising a core consisting of a strip of felted material having a fabric facing and folded laterally about a longitudinal axis with said fabric facing on the inside of the fold, said core being covered by a layer of fabric having its margins folded inwardly and extended between the folded portion of said core, said cover layer margins being secured together inwardly of their folded edges.

3. An upholstery edge comprising a strip of fabric having its side edges folded back on itself and brought together with said edges facing and secured back from the lines of fold, and a core formed by a strip folded about a longitudinal axis and enclosing the inwardly extended margins of said fabric within the fold, said core forming with said fabric a bulbous bead portion, the folded edges of said fabric strip forming an attaching fin of less thickness than said bead portion and extending substantially radially therefrom.

In testimony whereof I have affixed my signature.

HARRY FOX.