March 30, 1926. 1,578,413

W. H. EYSTER

UPHOLSTERY STRIP

Filed Feb. 7, 1924

Fig. 1.

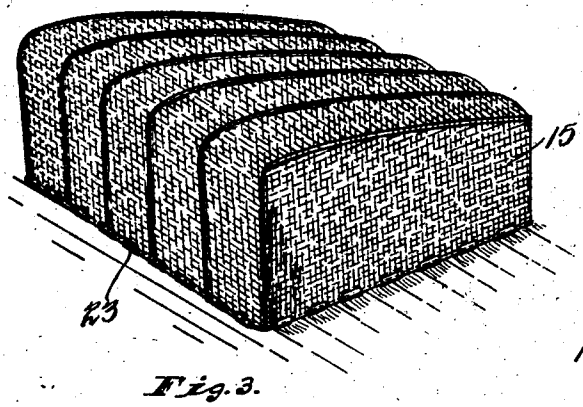


Fig. 2.

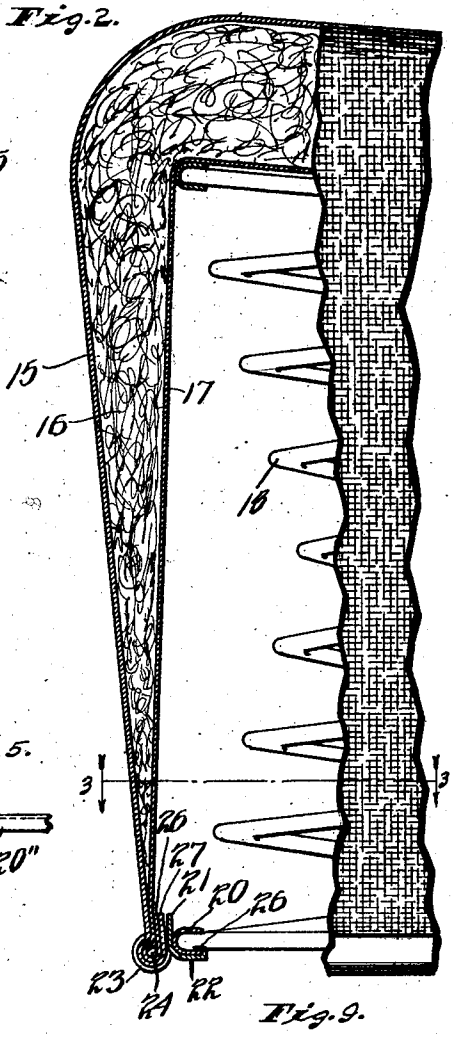


Fig. 3.

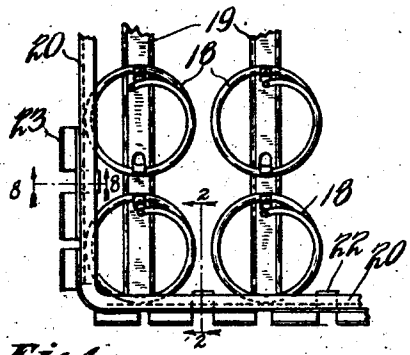


Fig. 4.

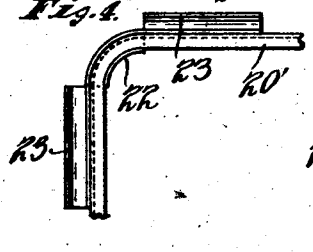


Fig. 5.

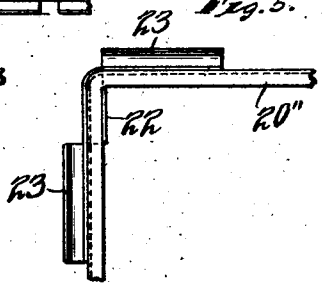


Fig. 9.

Fig. 6.

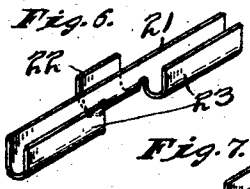


Fig. 7.

Fig. 8.

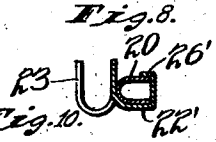
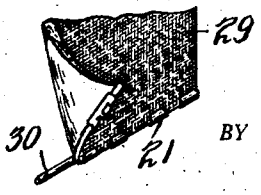
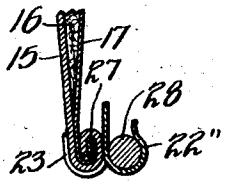


Fig. 10.





INVENTOR.
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BY

ATTORNEY.

Patented Mar. 30, 1926. 1,578,413

UNITED STATES PATENT OFFICE.

WILLIAM H. EYSTER, OF INDIANAPOLIS, INDIANA.

UPHOLSTERY STRIP.

Application filed February 7, 1924. Serial No. 691,242.

To all whom it may concern:

Be it known that I, WILLIAM H. EYSTER, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Upholstery Strips, of which the following is a specification.

My said invention relates to an upholstery strip intended for use in upholstering to fasten parts together as for example to fasten the edge of upholstery to adjacent metallic parts such as a wire or part of a frame. It is an object of the invention to provide a device of this character which shall constitute a permanent and secure fastening means and which shall be simple in construction, inexpensive to manufacture and easy to apply.

Referring to the accompanying drawings which are made a part hereof and on which similar reference characters indicate similar parts,

Figure 1 is a perspective of a seat equipped with my upholstery strip,

Figure 2, an enlarged sectional detail of the same partly in section on line 2—2 of Figure 3,

Figure 3, a horizontal section of one corner of the seat frame with the device of my invention applied thereto, said section being taken on line 3—3 of Figure 2,

Figure 4, a fragment of the lower frame showing the method of attaching a clip to a frame having a long curve,

Figure 5, a similar view showing the method of attachment at a sharp corner,

Figure 6, a perspective of a short strip or clip such as may be used for corner attachments and the like,

Figure 7, a perspective of a continuous strip,

Figure 8, an enlarged section illustrating the method of attachment of the strip to a lower frame of different character from that shown in Figure 2,

Figure 9, another modification, and

Figure 10, a perspective of a portion of a device being upholstered said figure showing my upholstery strip attached to the lower edge of the skirt.

In the drawings reference character 15 indicates the outer sheet or covering of an upholstered seat provided with hair or other similar material 16 confined between said outer covering and an inner sheet 17. The seat is provided internally with springs of any desired character and conformation, here shown as held in place by strips 19 and marginal frame members 20 forming no part of my present invention, which is concerned with means for securing the edges of the upholstery to the frame of the seat or other device which is to be upholstered.

According to my invention a strip of sheet metal 21 is cut or indented at intervals along one edge and the parts between the cuts are bent up to form tongues or lugs 22 at one side and 23 at the other side of the body of the strip. In a preferred embodiment of the invention illustrated in Figure 7 the tongues 23 are shown as being considerably wider than tongues 22, but this and other features of the invention may be varied to suit the taste of the user or the particular purpose to which the devices are to be applied. In Figures 1 and 2 the upholstery strip designated generally as 21 is shown as applied to the lower edge of a seat cushion, the sheets of material 15 and 17 being brought down to the lower edge of the seat and bent about a wire 24 after which the tongues 23 are bent about the bulged portion consisting of the wire 24 and adjacent parts of the sheets 15 and 17 while tongues 22 are bent around one side of a U-shaped lower frame member 20, the tongues at their extreme end being again bent as shown at 26 to hold the parts securely together. It will be seen that the upstanding body portion of the strip lies between the frame member and the ends 26, 27 of the strips 15, 17 whereby a clamping action will be exerted upon the ends of said strips in addition to the frictional action had because of the position of the tongues 23, thus tending to hold the parts securely in place.

Figure 3 illustrates the parts with the upholstery removed, the tongues 23 projecting out from the lower frame member 20 and the tongues 22 showing to a slight extent at the inner side of the frame member.

Figure 4 shows how the strip may be attached to a gradually curving corner of a frame member with the tongues 23 outside and a tongue 22 bent up about the lower edge of the U-shaped frame member 20′. In such a situation it may not be feasible to bend the edge of the tongue over as indicated at 26 in Figure 2, but if desired the tongue may be split so as to be bent over in several

sections. In Figure 5 is illustrated a method of attaching the strip to a frame member having a sharp corner, the tongues 23 projecting out to embrace the upholstery and the tongue 22 extending up close to the corner along one side of the U-shaped frame member 20''. Figure 6 indicates an upholstery strip formed as a clip for use at corners or in analogous situations this strip comprising merely a short body section 21, a pair of tongues 23 and a single tongue 22'.

In Figure 8 is illustrated a modified construction in which the frame member 20 is similar to that in Figure 2 but the tongue 22' is long enough to have its bent end at 26' extending past the mouth of the U and over the upper limit thereof. In Figure 9 is shown a further modification in which the strips 15 and 17 are rolled together at the bottom with or without a flat metal bar 27 and are attached to a round wire frame member 28 by means of an upholstery strip 21 having tongues 23 embracing the upholstery at its lower edge and a tongue 22'' embracing the wire.

In making use of the device of my invention the strip will usually be secured to the frame of the device to be upholstered substantially as illustrated in Figures 3, 4 and 5 and this is the preferred manner of using it. Figure 10 however illustrates another manner of use which consists in attaching an upholstery strip to the lower edge of the skirt 29 of upholstery material, then positioning such upholstering material with the lower edge of the skirt adjacent to a frame member 30 and then bending the tongues 22 over such frame member. In some cases it will be desirable to sell upholstery units in completed form ready to be applied with my upholstery strips secured thereto prior to shipment or it may be desirable to make up a number of such units and attach the strips thereto before the articles themselves are ready to be upholstered. It will therefore be seen that according to preference or convenience in any particular instance either method may be used at will.

It will be obvious to those skilled in the art that my upholstery strip may be changed in accordance with the particular need or preference without departing from the spirit of the invention, as may also the method of applying it, and therefore I do not limit myself to what is shown in the drawings and described in the specification but only as indicated in the appended claims.

Having thus fully described my said invention, what I claim as new and desire to secure by Letters Patent, is:

1. In combination a frame member, upholstering material having an edge adjacent to said frame member, a fastening strip having a body lying between the lower edge of said strip and the frame member, and sets of tongues at opposite sides of the body member the tongues of one of said sets being bent reversely upon themselves respectively about said edge of the upholstery and the tongues of the opposite set being bent reversely upon themselves, substantially as set forth.

2. In combination a frame member, upholstering material having an edge bent about a linear reenforcing member adjacent to said frame member and means for securing said edge to said member comprising a body lying between said edge and said member said body having tongues projecting reversely upon themselves respectively underneath the frame member and said edge said tongues being bent to engage securely with said parts, substantially as set forth.

3. An upholstery strip comprising a strip of sheet metal having parallel cuts extending to one edge and forming tongues the said tongues bent reversely upon themslves toward opposite sides of said strip, substantially as set forth.

4. A securing strip for upholstery comprising a body of sheet metal having cuts along one edge forming tongues, the said tongues being reversely bent upon themselves and extending on opposite sides of said body, substantially as set forth.

In witness whereof, I have hereunto set my hand and seal at Indianapolis Indiana, this 31st day of December, A. D. nineteen hundred and twenty-three.

WILLIAM H. EYSTER. [L. S.]