March 19, 1963 G. H. SANDERSON 3,082,038

FURNITURE UPHOLSTERY

Filed Dec. 7, 1961

FIG. 1

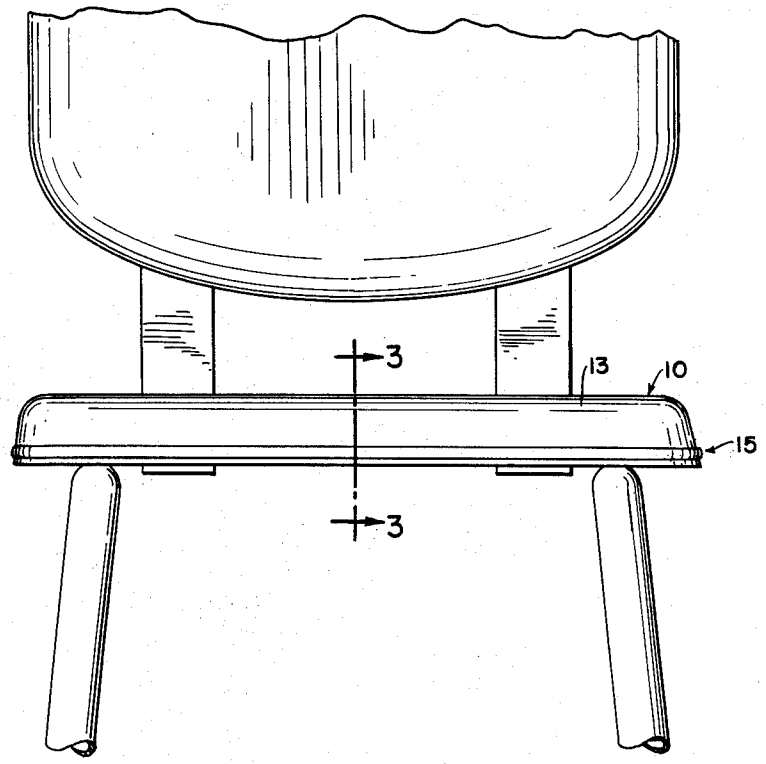
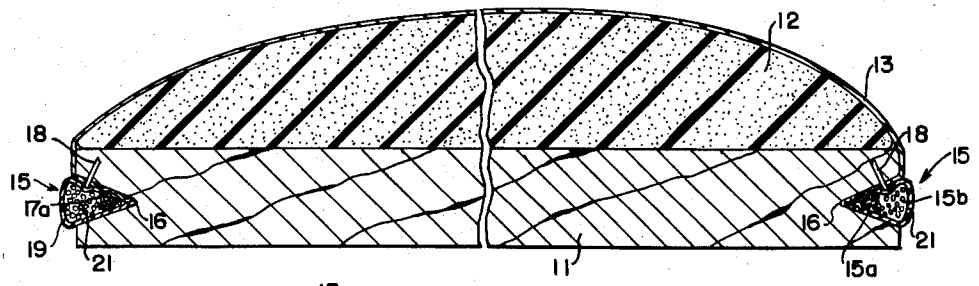


FIG. 3



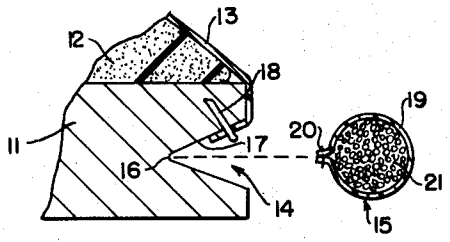


FIG. 2

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FURNITURE UPHOLSTERY

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1 Claim. (Cl. 297—461)

This invention relates to furniture upholstery and more particularly to the side finish of upholstered articles.

It has been known to use a covering sheet of plastic or leather over an upholstered seat, for example, and to tack the edges of the sheet within a groove formed in the side of the seat. Thereafter a substantially tubular finishing strip is secured within the groove so as to cover such edges and give the seat a smooth and ornamental side finish.

It has been found however that during usage of the furniture the finishing strip tends to separate and become dislodged from the groove thus materially lessening the useful life of the furniture or at least necessitating premature repair thereof.

With the foregoing in mind, I have devised a novel structure which minimizes such a tendency in that the finishing strip may be firmly and securely wedged into place. This structure and action has many other advantages such as more securely holding the sheet edge in place as will hereinafter be described.

The invention will be further understood from the following description and drawings in which:

FIGURE 1 is a front view, broken away, of a chair embodying the present invention;

FIGURE 2 is a fragmentary cross-sectional view of the furniture seat showing the assembly of the finishing strip of the base;

FIGURE 3 is a cross-sectional view taken substantially along the line 3—3 of FIGURE 1.

In FIGURE 1 is shown a chair to which may be applied the instant invention. It is understood however that many other articles of furniture may be so provided. Referring, for example, to the seat **10**, this comprises a base **11** which may be of wood or any other suitable material. As an example, base **11** may be approximately ½" thick. Disposed over base **11** is a pad of resilient, foam-like material **12** which may be of foam rubber or any type of cushioning material. A covering sheet **13** is disposed over pad **12** and is secured to base **11** as will hereinafter be described. Covering sheet **13** may be of plastic or natural or artificial leather or the like as will be well understood.

The novelty of this invention resides essentially in the groove **14** formed in the side wall of base **11** and the peculiar disposition of the finishing strip **15** therein. First, it will be observed that the groove **14** is V-shaped, coming to a rather sharp apex **16**. Groove **14** is formed by means of a router which is cone-shaped. As the router is brought along the periphery of the base **11**, it forms a V-shaped groove **14**. Covering sheet **13** is simply tacked to the proximate wall **17** as by means of staples **18**. Of course sheet **13** is then brought along to the opposite side of base **11**, is stretched, and is likewise secured to the wall **17***a*. It will be understood that wall **17***a* and wall **17** are indeed the same wall, being a continuation of the groove wall.

Finishing strip **15** comprises an outer tube **19** which

may be of the same material as covering sheet **13** so as to appear to be integral therewith when the seat is finished. Tube **19** is seamed at **20**. It is filled with padding or filling material **21** which may be of jute or any other compressible material.

After the covering sheet **13** has been tacked to the proximate wall **17** as illustrated in FIGURE 2, adhesive is brushed into the groove **14**. Any adhesive suitable for wood and plastic is suitable. Thereafter the length of finishing strip **15** is pushed into the groove **14** along the entire periphery or side wall of seat **11**. Finishing strip **15** is thus firmly wedged in groove **14** so that the inner portion **15***a* of the strip becomes substantially V-shaped complementarily to the groove **14** in which it is wedged. The protruding portion **15***b* still remains bulbous or arcuate. Further, it will be observed that the filler **21** of strip **15** becomes relatively compressed at the V-shaped end thereof since it is forcefully wedged into the groove **14**. The strip **15** thus exerts a radial pressure against the walls of the groove tending to maintain the strip in place.

As was stated above, in prior construction, there was a tendency for the strip to become dislodged from the groove. In fact, it has been found that children tend to pick at the strip and thus eventually pull it out of place. However, when the strip **15** is wedged into the groove, it is practically impossible to pull it out. Further, the strip **15** itself is useful in fortifying the connection of the covering sheet **13** to the wall **17** since it bears against the sheet at the complete edge thereof.

Whereas I have shown this invention as being applied to the seat of furniture, it may be applied to the back thereof, or indeed to a bench or any other type of furniture.

There has been shown what is now considered a preferred embodiment of the invention but it is obvious that changes and omissions may be made without departing from its spirit.

What is claimed is:

Furniture upholstery comprising an upholstered base, said base having a continuous side wall, a lateral V-shaped groove formed along the extent of said side wall, a covering sheet over said base and having the outer edge thereof secured to a proximate wall of said groove, and a finishing strip wedged into said groove and pressed against said outer edge, said finishing strip comprising an outer tube of plastic material and a filling of resilient material, an outer portion of said tube extending out of said groove and being bulbous, and an inner portion of said tube being V-shaped complementarily to the groove in which it is wedged, the filling within said inner portion of the tube being compressed relative to the filling within said outer portion of the tube and bearing against said secured outer edge of said covering sheet, said outer edge of said covering sheet being secured to said proximate wall by staples, and one side of said V-shaped inner portion of said tube pressing against said staples.

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