Jan. 30, 1940. E. T. TODD 2,188,560

PANEL

Filed March 10, 1938

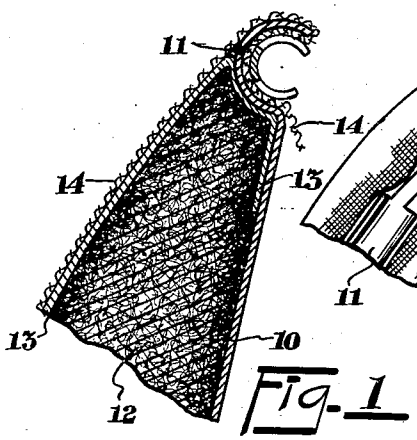


Fig. 1

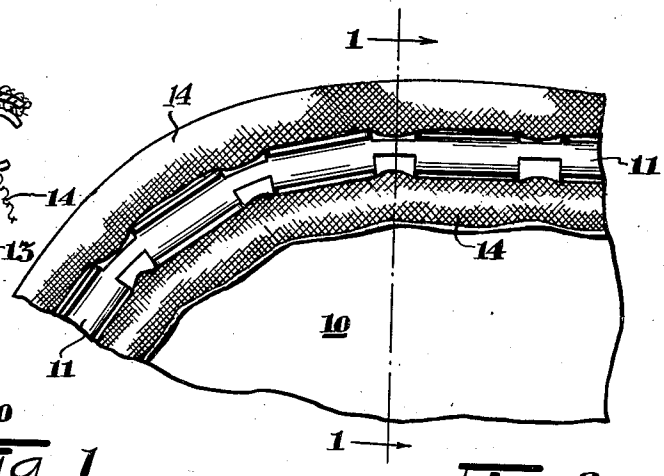


Fig. 2

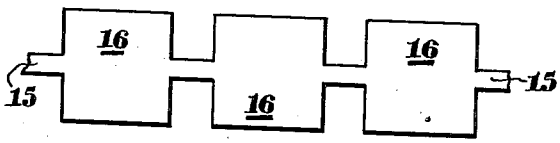


Fig. 3



Fig. 5

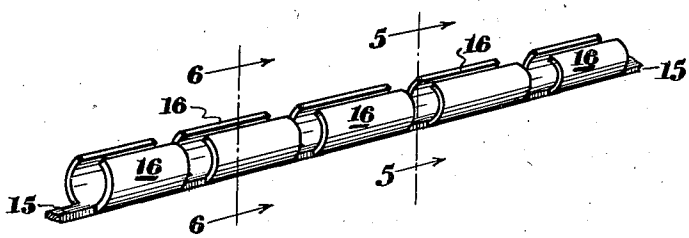


Fig. 4



Fig. 6

Witness:
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2,188,560

UNITED STATES PATENT OFFICE

2,188,560

PANEL

Edwin T. Todd, Grand Rapids, Mich., assignor to American Seating Company, Grand Rapids, Mich., a corporation of New Jersey

Application March 10, 1938, Serial No. 194,989

3 Claims. (Cl. 155—180)

The present invention relates to panels and more particularly to upholstered panels, the construction herein shown and described being in the nature of a modification of that shown in application for patent filed March 10, 1938, by Henry P. Nordmark, Serial No. 195,013, and by him assigned to my assignee.

The primary object of the instant invention is to provide novel means for detachably securing an upholstered covering to a chair back, chair seat or other panel whereby old and worn coverings may be replaced with new ones from time to time.

An illustrative embodiment of the invention is shown in the accompanying drawing, wherein—

Figure 1 is a fragmentary cross-sectional view of a back rest for a chair and on line 1—1 of Figure 2, it being understood of course that coverings may be similarly secured to chair seats, panels or the like;

Figure 2 is a fragmentary rear elevational view of the chair back;

Figure 3 is a fragmentary top plan view of the blank from which the fastening member is formed;

Figure 4 is a fragmentary perspective view of the fastening member formed from the blank shown in Figure 3;

Figure 5 is a cross sectional view of the fastening member on line 5—5 of Figure 4; and

Figure 6 is a cross sectional view thereof on line 6—6 of Figure 4.

Referring then to the drawing wherein like parts of the construction shown are designated by the same numerals in the several views, a panel 10 here shown as of stamped sheet metal and used as a member in the fabrication of a back rest for a chair, is provided with an arcuate marginal groove 11 adjacent its edge on the back surface thereof which groove is cross-sectionally greater than semi-circular.

Hair 12 or other suitable padding is preferably disposed over the front surface of the grooved panel 10 and a sheet 13 of any suitable material is preferably disposed over the padding 12 and in the manner best shown in Figure 1. A sheet 14 of upholstered material disposed over the sheet 13 is folded back upon itself at its border and stretched over the periphery of the panel 10 and across its marginal groove 11.

An elongated arcuate cross-sectionally springable member 15 here shown as having oppositely disposed teeth 16 and preferably formed from stamped sheet metal from the blank shown in Figure 3 into the form shown in Figure 4 is disposed over the border of the upholstered sheet 14 and is sprung into the groove 11 between the walls thereof for detachably securing the stretched sheet 14 over the front surface of the panel 10 and its padding 12. As best seen in Figure 2, the relatively narrow portions connecting the toothed portions of the springable members 15 are bendable to thus permit ready insertion of the members 15 in the curved portions of the groove 11.

It will thus be seen that novel means are herein shown and described for detachably securing an upholstered covering to a chair back, chair seat or other panel and while but one specific embodiment of the invention has been herein shown and described, it will be understood that certain details of the construction shown may be altered or omitted without departing from the spirit of this invention as the same is defined by the following claims.

I claim:

1. A panel having a marginal groove cross-sectionally arcuate and greater than semi-circular, a sheet disposed over a surface of the panel, and an elongated member comprising cross-sectionally arcuate and springable toothed portions connected by relatively narrow bendable portions, said elongated member being disposed over the sheet and sprung into the groove between the walls thereof.

2. A panel having a marginal groove cross-sectionally arcuate and greater than semi-circular, a sheet disposed over a surface of the panel, and an elongated member comprising cross-sectionally greater than semi-circular arcuate and springable toothed portions connected by relatively narrow bendable portions, said elongated member being disposed over the sheet and sprung into the groove between the walls thereof.

3. A panel having a longitudinally curved marginal groove cross-sectionally arcuate and greater than semi-circular, a sheet disposed over the surface of the panel, and an elongated member comprising cross-sectionally arcuate and springable toothed portions connected by relatively narrow portions bendable to accommodate the elongated member to the longitudinal curve of the marginal groove, said elongated member being disposed over the sheet and sprung into the groove between the walls thereof.

EDWIN T. TODD.