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SEAT FOR CHAIRS OR STOOLS

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Fig. 1.

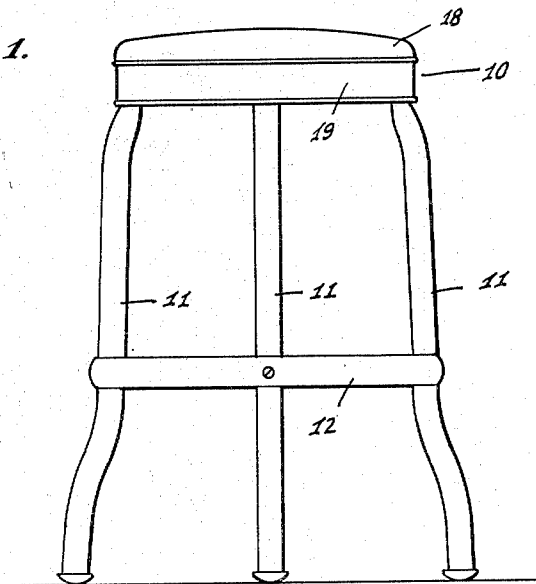
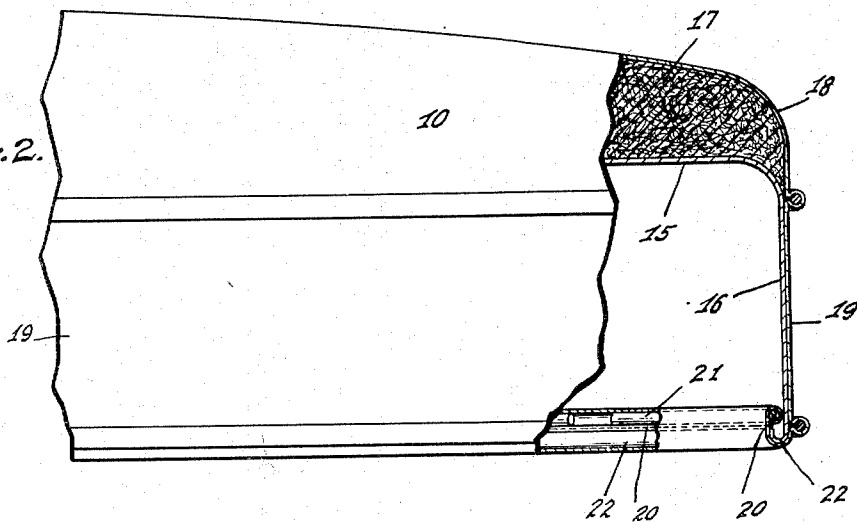


Fig. 2.



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SEAT FOR CHAIRS OR STOOLS

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1 Claim. (Cl. 155—180)

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My invention relates to metal furniture and more particularly to chairs and stools embodying a sheet-metal seat which it is desired to cover with upholstery. It is the object of my invention to produce a simple and effective means for securing upholstery material to the metal seat of a stool or chair.

In carrying out my invention, I form the seat which is to be upholstered as a sheet-metal stamping provided with a downwardly directed peripheral flange the lower edge of which is turned inwardly to form a lip. The upholstery includes a fabric cover having a sleeve-like portion closely embracing the flange and terminating at its lower end in a hem. Within the hem I dispose an open wire ring having a normal diameter greater than that of the seat-flange. Such ring, enclosed within the hem, is collapsed and forced upwardly within the flange to a point above the lip, where it is permitted to expand to draw the upholstery fabric over the lip-edge.

The accompanying drawing illustrates my invention: Fig. 1 is a side elevation of a stool; and Fig. 2 is a fragmental side elevation of the stool-seat on an enlarged scale with portions of the construction illustrated in section.

The stool shown in Fig. 1 comprises an upholstered seat designated in its entirety by the reference numeral 10 and supported by a series of circumferentially spaced legs 11. A ring 12 secured to the legs 11 at intermediate points thereof serves to stiffen and strengthen the construction.

The seat of the stool is in the form of a sheet-metal stamping 15 having a downwardly extending peripheral flange 16. The upper surface of the stamping 16 is covered with padding 17, and such padding is in turn covered by a fabric cover 18 having a skirt 19 closely surrounding the flange 16.

The skirt 19 has a length somewhat greater than the vertical extent of the flange 16. Its lower edge is hemmed as indicated at 20, and within such hem there is disposed an expandable ring 21 of steel wire or similar elastic material.

The lower edge of the flange 16 is turned inwardly and desirably upwardly to form an annular lip 22. The ring 21 is formed so that when unstressed its diameter will be at least greater than the internal diameter of the lip 22 and desirably greater than the internal diameter of the flange 16.

In assembling the stool-seat, the padding 17 is placed upon the upper surface of the sheet-stamping 15 and the fabric cover 18—19 drawn over it. The ring 21 will assist in this operation, as it will maintain the end of the skirt 19 open. When the fabric covering is drawn downwardly as tightly as desired, the ring 21 is col-

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lapsed and forced through the annular lip 22 to a position thereabove. When released, the ring will expand to overlie the lip 22 and thus hold the fabric in place on the seat. Desirably, the length of the skirt 19, including the hem 20, is such that the ring 21, expanding after being passed through the lip, will tend to draw the fabric tightly around the lower edge of the seat-flange 16. If the skirt is too long, the ring 21 will expand into engagement with the flange 16 above the lip 22, leaving undesirable slack in the skirt. On the other hand, if the skirt is too short it will prevent the ring from being inserted upwardly far enough to permit its expansion above the lip.

In most instances, the ring 21 will expand above the lip 22 until the fabric of the in-turned lower edge of the skirt 19 is clamped between the ring and the inner surface of the flange 16. If desired, this clamping action alone may be relied upon to hold the lower edge of the skirt in place, and the hem may be dispensed with.

I claim as my invention:

In an article of furniture, a sheet-metal seat having a downwardly extending peripheral flange, a fabric seat-cover including a skirt surrounding said flange, the lower end of said skirt extending around the lower edge of said flange and upwardly within the compartment defined by said flange and being provided with a hem, a spring-metal ring disposed within said hem, said flange being provided with a lip extending inwardly beneath said ring to prevent its removal from within the flange, said ring having a normal diameter greater than the internal diameter of said flange and being interrupted at one point in its circumference to permit it to be collapsed and moved past said lip.

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