Nov. 5, 1946. E. L. FURBISH 2,410,727

STOOL SEAT

Filed July 23, 1945

Fig. 1

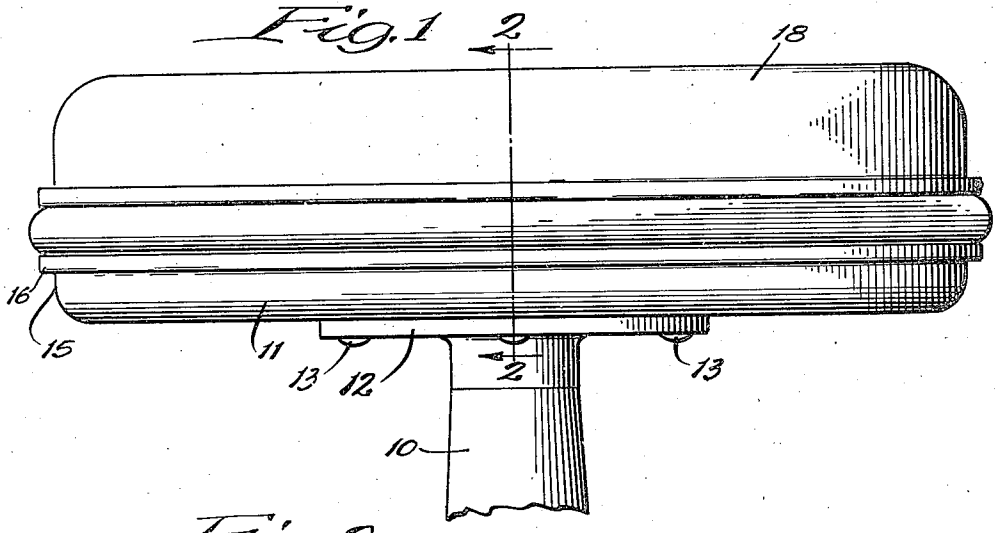


Fig. 2

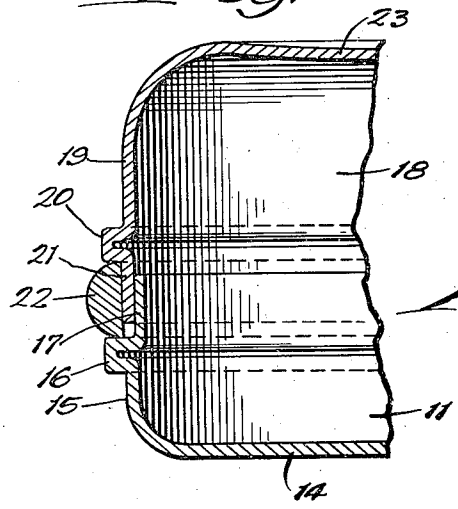
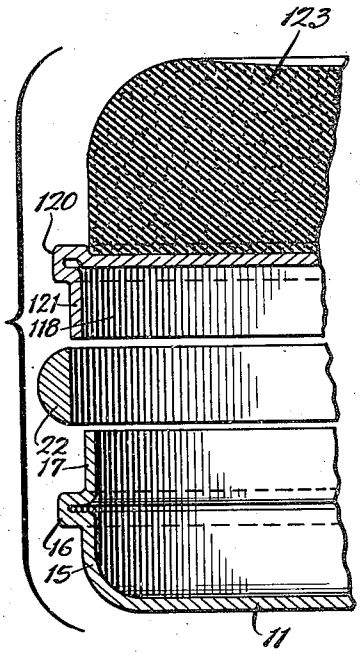


Fig. 3



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STOOL SEAT

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2 Claims. (Cl. 155—178)

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This invention relates to stool seats and has for its purpose the provision of a seat which may readily be spun or drawn from sheet metal or similar sheet materials.

An object of the invention is to provide a stool seat which is made of two telescoping stampings which may be assembled and disassembled so that the seat portion of the stool may be replaced or refinished from time to time.

A further object of the invention is to provide a stool seat with telescoping members and a third securing member which will prevent the spreading or collapsing of the telescoped members under excessive loads.

The above and other objects and advantages of the invention will be more readily apparent from the following description when read in connection with the accompanying drawing, in which—

Figure 1 is an elevation of a stool seat of this invention;

Figure 2 is a fragmentary section of the stool seat shown in Figure 1 taken on the line 2—2 of Figure 1; and

Figure 3 is a modified form of the stool seat in which the upper member of the seat is constructed in two parts.

Referring to the drawing, in Figure 1 is shown a stool seat of this invention mounted upon the conventional pillar or support 10 which is secured to the lower member 11 by means of the flange 12 and the bolts 13.

The lower member 11 is pressed, drawn or spun from a sheet of metal or suitable plastic material into the form indicated by Figure 1 and the fragmentary sections in Figures 2 and 3, which is generally cylindrical and shallow. The bottom plate 14 is rolled to form the side wall 15 with a peripheral flange 16 running about the body. Above the flange the side wall 17 is brought in beyond the limits of the lower portion 15 of the side wall so as to telescope within the seat member 18. The seat member 18 is formed substantially like the bottom member 11 with the side wall 19, annular flange 20 and the lower side wall 21, which is sufficiently larger in diameter, to closely embrace the upper side wall 17 of the lower member 11.

In order to prevent the spreading of the upper member when the parts are telescoped and under load, an annular retainer ring 22 is slipped over the joint of the two side wall members 21 and 17. This will not only furnish the strength necessary to prevent spreading of the parts but will also conceal the joint of the two seat members and ornament the finished seat.

The seat member 18 is formed suitably with a

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slightly concave upper surface 23 to render it more comfortable in use.

In Figure 3 is shown a modified form of the invention in which the upper seat member 118 is made so as to furnish a base for a top 123 which may be composed of sponge rubber, plastic or synthetic composition or any other suitable material, secured to the base member 118 by suitable adhesives or in any other conventional manner. In this modified form the seat member 123 is readily replaceable, if substitution because of wear is desired or in the event that a different seat member is desired to change the ornamental or decorative effect.

The seat member is assembled merely by placing the upper member 18 over the lower member 11 after the ring 22 has been placed about the side wall 21 of the upper member. The three parts can then be pressed together, and the assembly thus completed.

To disassemble the device, the flange 20 can be pried above the ring 22 and the upper member 19 then lifted clear of the stool. This permits the ready substitution of worn members or members that have been differently decorated to employ the seat to its full ornamental possibilities.

While two embodiments of the invention have been shown and described in detail herein, it will be understood that these are illustrative only and are not intended as a definition of the scope of the invention, reference being had for this purpose to the appended claims.

What I claim is:

1. A stool seat comprising a lower member in substantially the form of a flat cylinder and an upper member in substantially the form of a flat cylinder, each of said cylinders having a peripheral flange near one end thereof, one of said cylinders having one end thereof open, the other of said cylinders having a portion thereof sufficiently smaller in diameter to be telescoped within said open end, and a band to encircle the portions of said cylinders between the flanges.

2. A stool seat comprising a lower member in substantially the form of a flat cylinder and an upper member in substantially the form of a flat cylinder, each of said cylinders having a peripheral flange near one end thereof, one of said cylinders having one end thereof open, the other of said cylinders having a portion thereof sufficiently smaller in diameter to be telescoped within said open end, and a band encircling the telescoped portions of the cylinders and supporting the upper flange upon the lower flange.

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