Dec. 31, 1929. H. T. HALLOWELL 1,742,033

METALLIC STOOL

Filed May 7, 1926

Fig. 3.

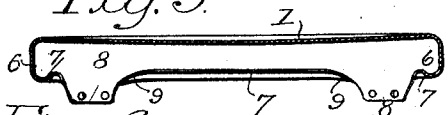


Fig. 4.

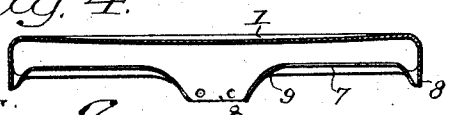


Fig. 2.

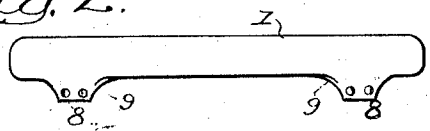


Fig. 9

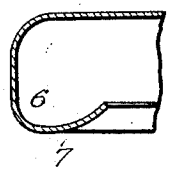


Fig. 1.

Fig. 6.

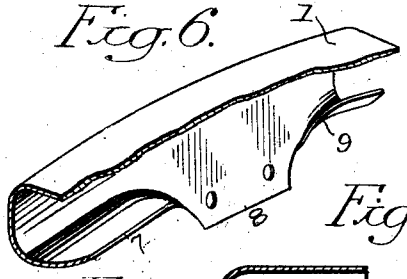


Fig. 7.

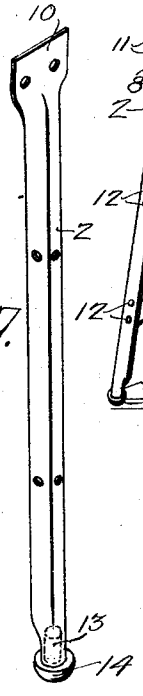


Fig. 10.

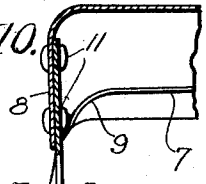


Fig. 5.

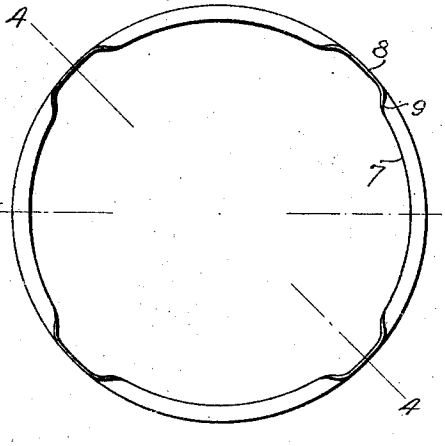
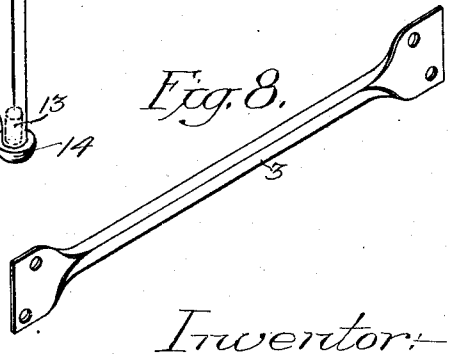


Fig. 8.



Inventor:
Howard T. Hallowell,
by his Attorneys,
Hoosm & Hoosm

Patented Dec. 31, 1929 1,742,033

UNITED STATES PATENT OFFICE

HOWARD T. HALLOWELL, OF JENKINTOWN, PENNSYLVANIA, ASSIGNOR TO STANDARD PRESSED STEEL CO., OF JENKINTOWN, PENNSYLVANIA, A CORPORATION

METALLIC STOOL

Application filed May 7, 1926. Serial No. 107,396.

One object of my invention is to make a cheap and substantial stool of metal.

A further object of the invention is to make the seat of the stool with a rounded flange, and attach the legs to the seat of the stool in a substantial manner by merging the rounded portion of the seat into the flat portions to which the legs are attached, making a very substantial as well as a neat appearing stool.

In the accompanying drawing:

Fig. 1 is a perspective view of my improved stool;

Fig. 2 is a side view of the seat of the stool;

Fig. 3 is a sectional view of the seat on the line 3—3, Fig. 5;

Fig. 4 is a sectional view of the seat on the line 4—4, Fig. 5;

Fig. 5 is an inverted plan view of the seat;

Fig. 6 is a perspective view showing a portion of the flanged seat;

Fig. 7 is a perspective view of one of the legs;

Fig. 8 is a detail view of one of the rungs of the stool.

Fig. 9 is a fragmentary sectional view of the seat in the region where the flange is inturned, and

Fig. 10 is a section taken through the seat and leg at their joint.

1 is the seat of the stool and 2 are the legs, there being four in the present instance. 3 are the rungs, and 4 is the back which is made of pressed sheet metal and is secured to upright channel members 5, bent as shown, and attached to the rear legs of the stool by rivets or bolts.

The seat 1 of the stool is made as shown in Figs. 2 to 5 inclusive. The body portion of the seat in the present instance is of solid metal, and the edges are rounded as shown at 6, Fig. 3, to form an inturned flange 7, so that the seat has a smooth appearance, considerable strength, and consequently can be made of comparatively light metal.

Where the legs 2 are joined to the seat, the flange is flattened as at 8, Figs. 4 and 6, and the flange 7 merges into this flat portion by a fillet 9, forming a very substantial and rigid support for that portion of the seat to which the legs 2 are attached.

The legs in the present instance are made of sheet metal at an angle as shown in Figs. 5 and 7, the upper portions of the legs being flattened as at 10 to fit the flattened portion 8 of the seat, and the legs are attached to the seat by rivets 11.

The rungs 3 are made of sheet metal in the present instance and are bent into rounded form as clearly shown in Fig. 8, the ends being flattened to fit against the legs 2 to which they are secured by rivets 12. In some instances, the rungs may be of simply flat metal secured to the legs by rivets, but it is preferable to use the rounded form shown in Fig. 8.

The legs may be reduced at the lower ends to form sockets 13 for buttons 14 of rubber or wood if desired, but in some instances the legs may be flared to form extended feet, without departing from the essential features of the invention.

I claim:—

1. A seat for a metallic stool having an inturned flange, said flange being spaced by flat portions where the legs join the seat, the flange merging into the flat portions by strengthening fillets.

2. A metallic seat for a stool, circular in form and having a rounded edge, and having an inturned flange extending under the body portion of the seat, said flange having rounded portions spaced by flat portions where the legs join the seat, the flange merging into the flat portions by strengthening fillets.

HOWARD T. HALLOWELL.