Oct. 1, 1935. J. F. CUDNEY 2,015,884

SELF SUPPORTED LIPPED LEDGE SEAT

Filed Aug. 28, 1934

Fig. 1.

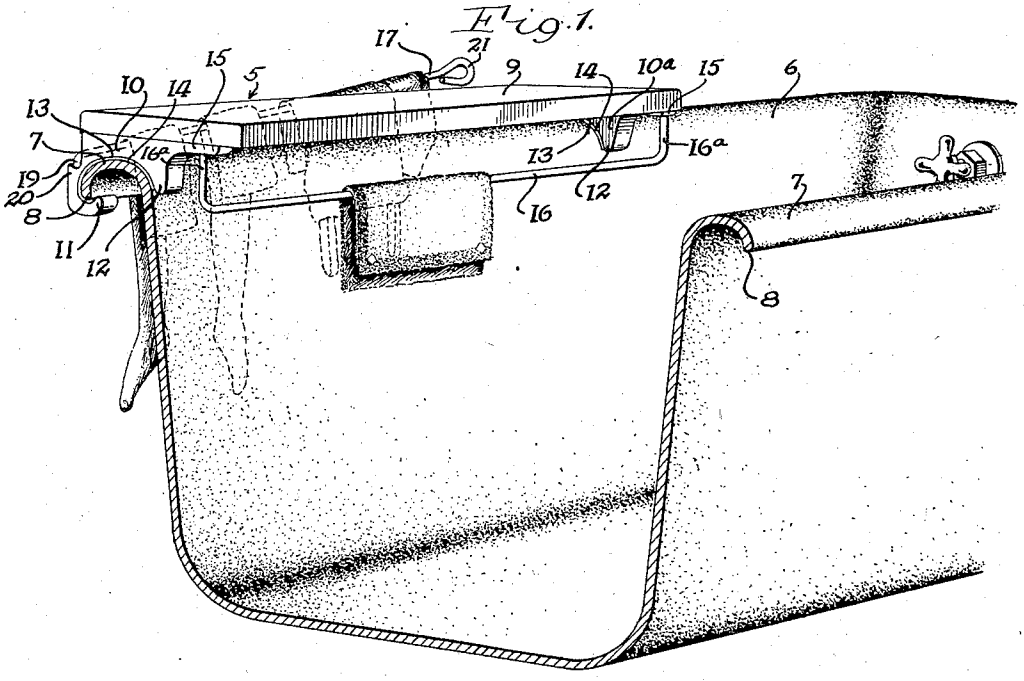


Fig. 3

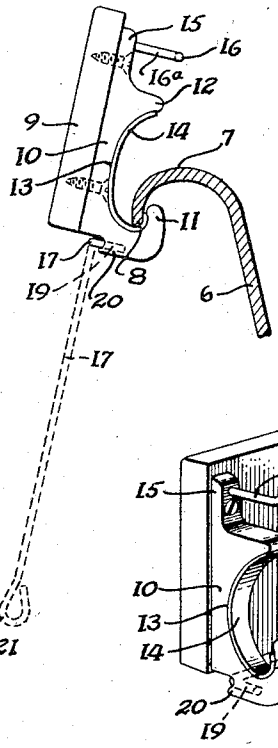


Fig. 4

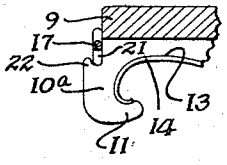
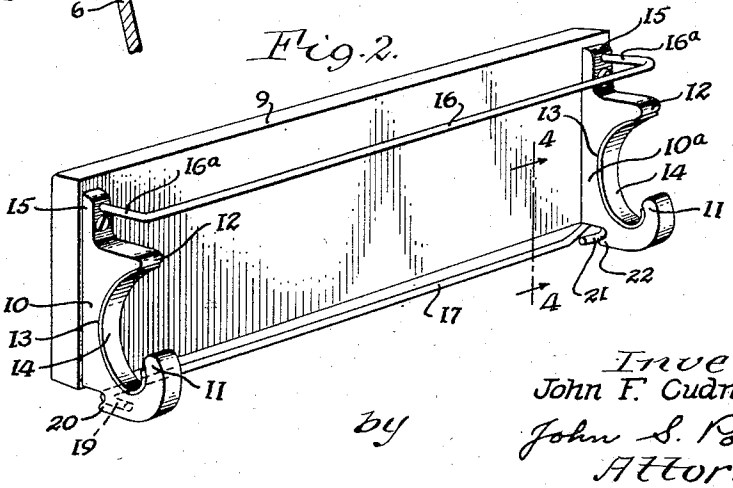


Fig. 2.



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SELF-SUPPORTED LIPPED-LEDGE SEAT

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Application August 28, 1934, Serial No. 741,841

1 Claim. (Cl. 155—36.5)

This invention relates to a removable seat which, although available for other purposes, is characterized by features which render it of particular utility as a bath tub accessory.

One object of the invention is to provide for facility in applying and removing the seat.

A further object is to provide a seat which is supported in such a manner that it requires a minimum amount of space, this object contemplating a construction which will enable the user to occupy the seat when either in or out of the tub without the necessity of changing its position.

A still further object is to provide a novel design of seat, whereby simplicity and economy in construction are obtained.

A still further object is to provide a seat which is available to support one or more racks upon which various articles may be arranged for drying.

The invention is illustrated in the accompanying drawing, in which:

Figure 1 is a perspective view of a seat embodying features of the invention, the seat being shown applied to a bath tub.

Figure 2 is a second perspective view showing the bottom of the seat and the drying racks carried thereby.

Figure 3 is an end view of the seat.

Figure 4 is a fragmentary sectional view taken along line 4—4 of Figure 2.

The seat, which is indicated generally at 5 in Figure 1, is illustrated in connection with a bath tub 6. The latter, as illustrated, is of conventional construction and the top edge thereof is formed with a marginal flange 7 which provides a rounded top edge, the said flange terminating in a downwardly extending lip 8.

The seat 5, as illustrated, includes an elongated member 9 which may be formed from any suitable material, it being understood in this connection that the said member may be of any desired length. The member 9 is adapted to be supported by and above the top edge of the tub. For this purpose a pair of elements 10 and 10a are employed, one of the said elements being suitably secured to each end of the body 9 at the underside thereof.

Each element is formed or provided with a hooked end 11 (Figure 1) which is adapted to extend beneath and fit against the lip 8. At a point opposite the hooked end 11 the elements 10 and 10a are formed with a short leg 12 which fits against the inner side of the tub, the said elements being cut away between the hooked ends 11 and said short legs as at 13 so as to conform to the contour of the flange. Preferably a strip of relatively soft material 14 is secured to the underside of the elements in order to prevent marring of the tube. Each element is formed with an extension 15 which projects beyond the leg 12 toward the center of the tub, it being noted that the length of the elements, including the extension, is substantially the same as the width of the seat member 9.

It will be apparent that the elements 10 and 10a conform to and rest upon the flange 7 while their tops provide supports which are substantially equal in length to the width of the seat member 9 and which are substantially horizontal when their hooked ends 11 engage the lip 8 as described. The seat member, therefore, is supported in a substantially horizontal position. It will be noted further that the elements 10 and 10a support the seat member 9 so that one edge thereof is directly above the lip 8 while the opposite edge overhangs the bottom of the tub. Owing, therefore, to the greater weight of that portion of the seat member which overhangs the interior of the tub, the hooked ends 11 of the elements are held against the lip 8 and the seat remains in the desired horizontal position.

The seat may be applied to the tub by holding it at an angle while engaging the hooked ends of the elements 10 and 10a under the lip 8. Thereafter the free edge of the seat member is lowered until the flange 7 fits in the recesses 13 in the said elements. It will be appreciated that during use the body of the user will be located above the flange 7 and the weight thereof will be carried by the top of the said flange, it being understood of course that in most instances, the body of the user will be so located that a part of the weight thereof will tend to hold the hooked ends of the elements 10 and 10a against the lip 8 and prevent the seat from moving away from the horizontal. As the elements 10 and 10a fit conformably the flange 7 and as the seat member 9 is located over the said flange excessive strains upon the parts of the seat are avoided. The seat, therefore, is simple in construction and can be manufactured economically. The seat has the further advantage that when applied to a bath tub it is equally accessible, without adjustment, to a user when either in or out of the tub.

The seat 5, as illustrated, carries rods 16 and 17 which are available as racks upon which various articles may be arranged for drying. The rod 16 is adapted to be supported within the tub when the seat is arranged in a position for use,

lateral extensions 16a of the said rod being suitably secured to the extensions 15 of the elements 10. The rod 17 is adapted to be supported outside the tub. One end of the said rod is bent as indicated at 19, the bent end fitting in a suitable socket formed in a shoulder 20 which is provided on the element 10. At its opposite end the rod 17 is bent to form a head 21. The latter rests in a recess which is formed in a shoulder 22 provided on the element 10a. In use the rod 17 may be moved, if desired, to the dotted line position indicated in Figure 3 in order to facilitate arrangement of the articles to be dried upon the rod, the head 21 of the rod being lifted out of the recess in the shoulder 22 during the initial part of such movement. The rods 16 and 17 are both supported below the seat member 9 and hence do not interfere with the normal use of the seat.

I claim as my invention:

A removable seat for use in connection with a bath tub having a top edge provided by a flange which terminates in a lip, a seat member and rigid elements for supporting said seat member upon said flange, each of said elements extending substantially the full width of said seat member and having a hooked end which is adapted to be engaged under said lip, a portion of each element being conformed to fit upon the top edge of said flange and provide a short leg opposite said hook to fit against the inner side of said tub, the greater part of said seat member overhanging said tub when the hooked ends of said element are engaged under said lip as described, whereby to overbalance said seat member and cause the hooked ends of said elements to remain in engagement with said lip, said elements supporting said seat member upon said flange in a substantially horizontal position.

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