W. E. KENNEDY.

BATH TUB ATTACHMENT.

APPLICATION FILED JAN. 15, 1908.

904,133. Patented Nov. 17, 1908.

Fig. 1.

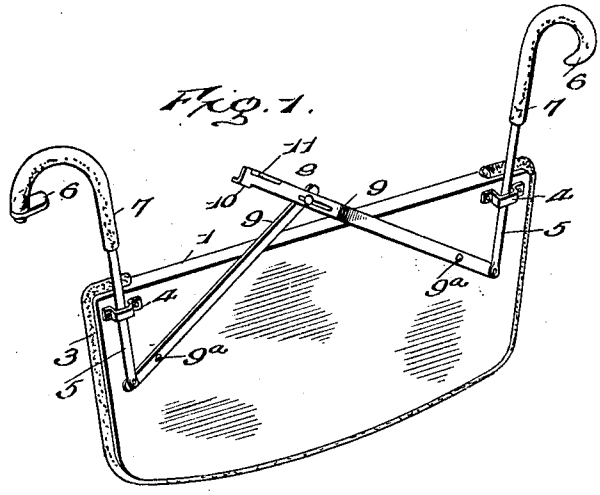


Fig. 3.

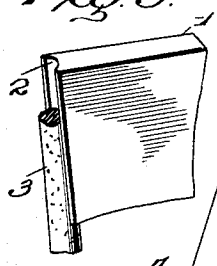


Fig. 2.

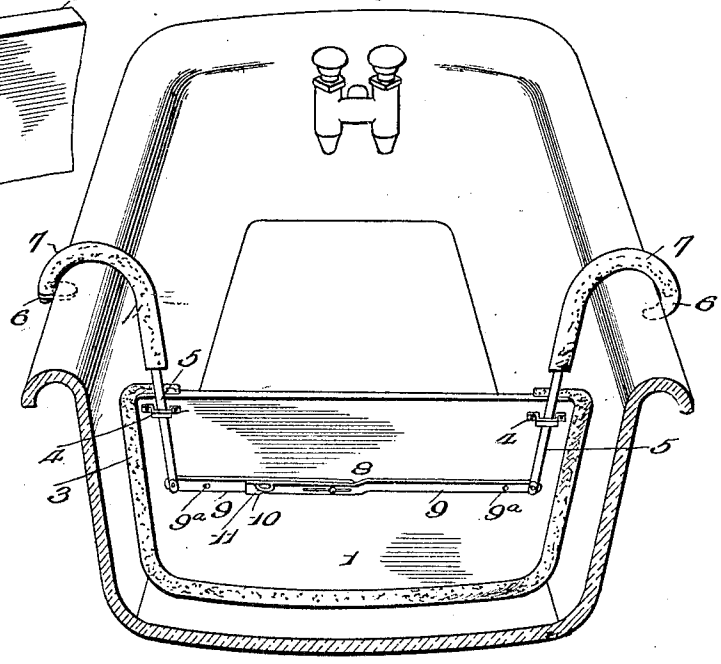
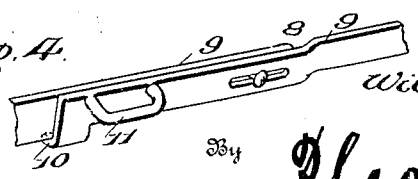


Fig. 4.



Witnesses

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BATH-TUB ATTACHMENT.

No. 904,133. Specification of Letters Patent. Patented Nov. 17, 1908.

Application filed January 15, 1908. Serial No. 411,011.

To all whom it may concern:

Be it known that I, WILLIAM E. KENNEDY, citizen of the United States, residing at Bellevue, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Bath-Tub Attachments, of which the following is a specification.

This invention contemplates certain new and useful improvements in bath-tubs and the object of the invention is an improved attachment which is designed to be secured across the bath-tub to decrease the portion to be filled as may be desired when taking a footbath or bathing a child or for other purposes, and which thus obviously serves to economize in the amount of water used, this being quite desirable where the water meter system prevails or where hot water is scarce.

A further object of the invention is a device of the character described which may be quickly applied to a bath-tub and secured in an operative position at any point along its length, and which may be easily removed from the bath-tub when not desired for use.

With these and other objects in view that will more fully appear as the description proceeds, the invention consists in certain constructions and arrangements of parts that I shall hereinafter fully describe and claim.

For a full understanding of the invention and the merits thereof, reference is to be had to the following description and accompanying drawing, in which:

Figure 1 is a perspective view of my improved bath-tub attachment. Fig. 2 is a similar view showing it applied to a tub. Fig. 3 is a detail perspective view of a portion of the partition, and, Fig. 4 is a similar view of a portion of the brace.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawing by the same reference characters.

My improved device comprises a partition 1 constructed of wood or metal or any other suitable material, and arranged to fit in a vertical position across the bath-tub as shown. The bottom and two side edges of the partition are grooved as indicated at 2, and a packing strip 3 of rubber tubing or the like fits in said groove and is adapted to bear against the inner surface of the bath-tub so that the partition will fit watertight therein.

On one side of the partition at the upper corners thereof, are secured two bearing straps 4 and two clamping arms 5 are mounted in the respective bearing straps as shown, the upper ends of these clamping arms being curved outwardly to fit the contour of the rim of the bath-tub. These curved ends are arranged to embrace the rim of the bath-tub and for this purpose one of said ends is returned inwardly to hook around said rim, and on the other end is rotatably mounted a turn-button 6 which may be moved to engage the rim when desired. In order to prevent the upper ends of the clamping arms from scratching or otherwise marring the bath-tub, said ends are preferably incased in resilient jackets 7.

The lower ends of the clamping arms 5 are pivotally connected to the ends of a brace 8 which is provided intermediate of its ends with a break joint. In order to establish such break joint the brace 8 is constructed in two sections 9 which are pivotally secured intermediate of their ends to the partition, as indicated at 9^a, the adjacent ends of the sections overlapping and having a pin and slot connection with each other as shown. These sections are designed to be forced downwardly into alinement which tends to raise the arms 5, but since the latter are engaged with the rim of the tub said movement obviously forces the partition downwardly to hold it firmly in an operative position in the tub, and also serves to clamp the arms tightly around said rim. The overlapping end of the section 9 is preferably formed with an inwardly extending lug 10 designed to hold the two sections in position when they are forced downwardly into alinement and also with a handle 11 to render the brace readily operated.

In the practical use of my improved device, the partition is placed across the tub at the desired point with one clamping arm hooked under the rim of the tub. The turn button 6 of the other arm is moved into engagement with the rim and the two sections of the brace 9 are forced into alinement to clamp the device in position.

Having thus described the invention, what I claim is:

1. A device of the character described,

comprising a partition designed to be positioned transversely within a bath tub, bearing straps secured to the opposite upper corners of the partition, clamping arms passing loosely through the respective bearing straps and having their upper ends oppositely curved and arranged for engagement with the rim of an ordinary bath tub, and means secured to the partition and connected to the lower ends of the arms, for spreading the same apart, whereby to clamp the curved ends of the arms in engagement with the rim of the tub.

2. A device of the character described, comprising a partition designed to be positioned transversely within a bath tub, bearing straps secured to the partition, clamping arms passing loosely through the respective bearing straps and having their upper ends oppositely curved and arranged for engagement with the rim of an ordinary bath tub, and a brace constructed in sections fulcrumed intermediate of their ends on the partition, with their opposite ends pivotally connected to the lower ends of the respective clamping arms, the adjacent ends of said sections overlapping each other and having a pin and slot connection, as and for the purpose specified.

3. A device of the character described, comprising a partition designed to be positioned transversely within a bath tub, bearing straps secured to the partition, clamping arms passing loosely through the respective bearing straps and having their upper ends oppositely curved and arranged for engagement with the rim of a bath tub, and a brace constructed in sections fulcrumed intermediate of their ends on the partition with their opposite ends pivotally connected to the lower ends of the respective clamping arms, the adjacent ends of said sections overlapping each other and having a pin and slot connection and one of said overlapping ends being formed with a lug which serves as an abutment for the corresponding end of the other section when said sections are in alinement.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM E. KENNEDY. [L. S.]

Witnesses:

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