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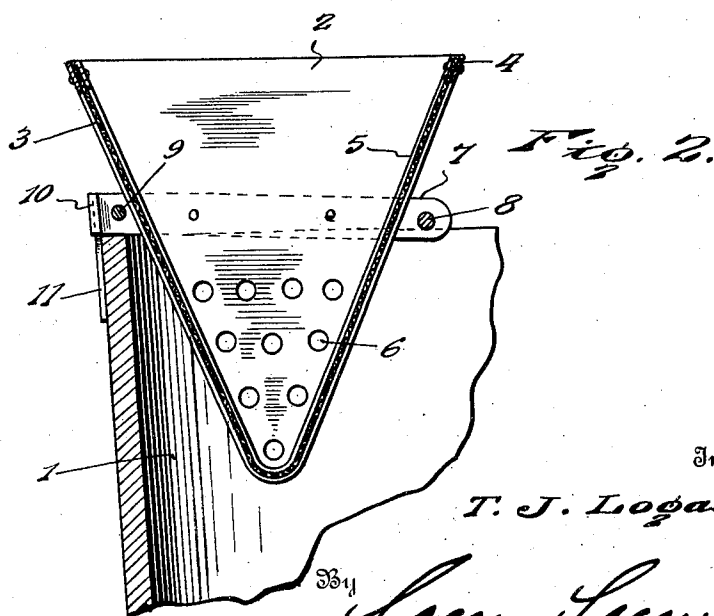
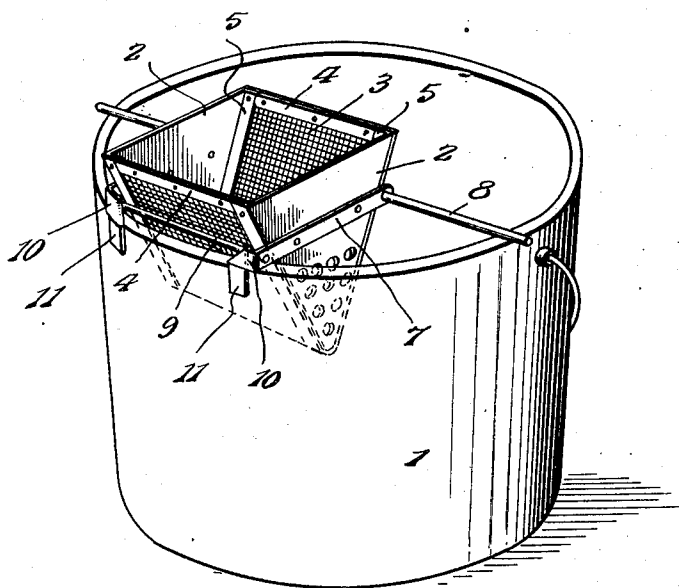
T. J. LOGAN

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WATER EXPELLER

Filed May 7, 1929

Fig. 1.



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WATER EXPELLER

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This invention is a device for expelling surplus water from mops and from clothes or other articles or materials, the object being to provide an exceedingly simple and inexpensive device which may be readily attached to any tub or pail and by the use of which surplus water in a mop may be quickly and efficiently expelled or clothes partly dried without injury to the articles or materials. The invention is illustrated in the accompanying drawing and will be hereinafter fully set forth.

In the drawing:

Figure 1 is a perspective view showing my improved device in operative position upon a pail, and

Fig. 2 is an enlarged vertical section.

The pail or tub 1 may be of any usual or approved construction and serves as a container for the supply of water in which the mop is to be immersed from time to time or in which clothes may be washed. The device constituting the present invention comprises an open top receptacle comprising triangular end plates 2 and a reticulated side plate 3 which is bent into V-shape so as to conform to the triangular form of the end plates and which is reinforced around its edges by flanges or flat strips 4 which are disposed against and rigidly secured to flanges 5 formed along the edges of the end plates 2, as shown and as will be understood. In the lower portion of each end plate 2 are formed perforations 6 through which water may escape. Secured to each end plate above the center of the same is a metallic strip 7 which projects beyond the edges of the plate and is provided at its inner end with an opening through which is inserted a supporting rod 8, said rod being of such length that it may extend entirely across the pail or tub and rest upon the edge of the same, as clearly shown in Fig. 1. At the opposite end of each strip 7, a short rod 9 is secured in and extends between the projecting ends of the strips so as to resist any tendency of the adjacent side plate 3 to buckle and also resist spreading of the projecting portions of the strips. The projecting front ends of the strips are bent inwardly, as shown at 10, and then downwardly, as shown at 11, to form hangers or clips which are adapted to bear against the outer side of the tub or pail, as shown clearly in Fig. 3, and thereby aid in supporting the receptacle as well as preventing its movement across the pail.

From the foregoing description, it will be seen that I have provided an exceedingly simple and inexpensive device which may be readily supported upon the top of a pail or tub and direct water into the same. In use, the mop is inserted into the receptacle and sufficient pressure exerted through the mop handle to force the head close to the bottom of the receptacle and as the bottom is exceedingly restricted and the side walls thereof converge downwardly the mop head will be squeezed between the reticulated sides so that the surplus water will be expressed therefrom and will flow back to the pail or tub. The openings 6 through the end walls of the receptacle facilitate the return of the water as is obvious. The device may be used as a substitute for a clothes wringer by inserting the wet washed clothes into the receptacle and pressing them as closely as possible into the bottom of the same, whereupon the same squeezing and water-expelling action will occur. The device may be easily placed in position or removed as it is necessary merely to lower it onto the tub or raise it therefrom without requiring any special attention being given to centering it upon the tub.

Having thus described the invention, I claim:

A device for the purpose set forth comprising a receptacle consisting of triangular end walls having openings through their lower apex portions, a reticulated plate V-shaped transversely to correspond to the edges of the end walls, reinforcing strips secured along the edges of said reticulated plate, inwardly projecting flanges along the edges of the end walls to which the flanges of the reticulated plate are secured, supporting strips secured across the end walls and having their outer ends formed into pendent hangers to engage across the edge

of a tub and against the outer side of the
tub, a brace fitted in and extending between
the projecting front ends of said strips, and
a rod carried by the rear ends of the strips
to extend across and rest upon the edge of
5 a tub.

In testimony whereof I affix my signature.
THOMAS J. LOGAN. [L. s.]

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