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WASHBOARD ATTACHMENT FOR WASHING MACHINE AGITATORS

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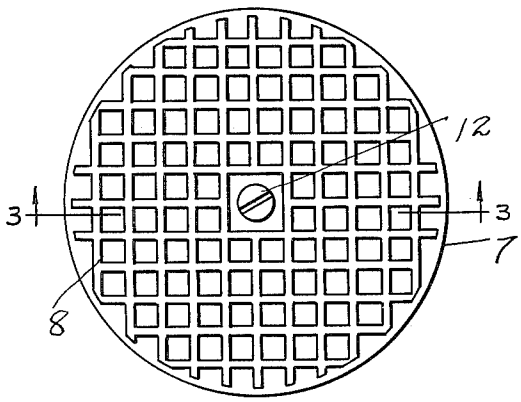


Fig. 2

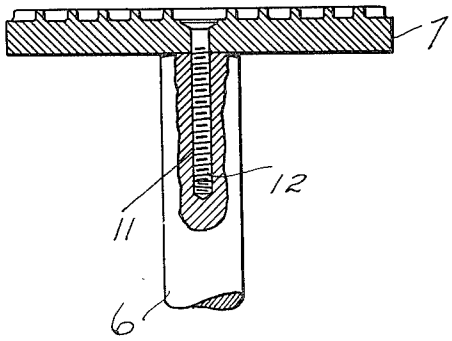


Fig. 3

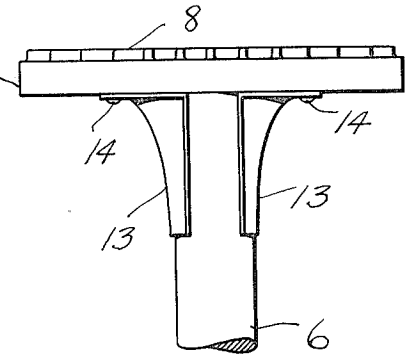


Fig. 4

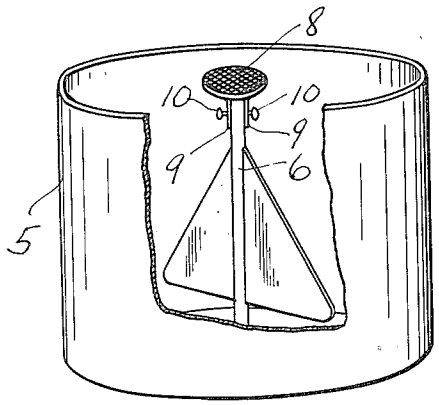


Fig. 1

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WASHBOARD ATTACHMENT FOR WASHING MACHINE AGITATORS

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2 Claims. (Cl. 68—92)

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This invention relates to improvements in washboards and has particular reference to a type of washboard or scrubbing plate that is used in combination with a washing machine.

The principal object of the invention is the provision of a washboard of limited dimensions that can be readily secured to the shaft of a washing machine and will thus present an exposed scrubbing area on which small articles of apparel such as socks and neckties; and linen and other fabrics may be positioned to remove spots, dirt and other foreign matter therefrom.

An additional object of the invention is the provision of novel means for detachably securing the board or plate to the shaft of the washing machine.

A further object of the invention is the production of an appliance of the character described that is simple in construction, economical to manufacture, positive in operation, strong, durable and highly serviceable in use.

Other objects and advantages will be apparent during the course of the following description.

In the acocmpanying drawing forming a part of this specification and in which like numerals are employed to designate like parts throughout the same,

Fig. 1 is a perspective view of the casing of a washing machine, the casing being partly broken away to disclose the shaft on which the appliance is mounted,

Fig. 2 is a top plan view of the appliance, and disclosing a modified form of means for securing the appliance to the rotating shaft of the washing-machine,

Fig. 3 is a transverse vertical section thereof, the view being taken on the line 3—3 of Fig. 2.

Fig. 4 is a side elevational view of a further modified form of the fastening means utilized to secure the appliance to the shaft.

In the accompanying drawing wherein for the purpose of illustration is shown the preferred embodiment of our invention, the numeral 5 indicates the casing of a washing machine in which a rotatable shaft 6 is positioned, the said shaft having secured thereto our improved scrubbing appliance. The said appliance comprises a disc or plate 7 that is equipped with raised cross ribs 8 that serve as the scrubbing surfaces on which the articles of various types are positioned when it is desired to clean the same. While we have illustrated the scrubbing surface as consisting of cross ribs it is obvious that spaced corrugations can also be as effectively employed.

In the form of the invention illustrated in Fig. 1 it will be noted that the disc 7 is equipped with a pair of depending arms 9 of arcuate configuration to conform to the contour of the shaft, which arms are detachably secured to the shaft by set screws or other fastening means 10. In the form of the invention disclosed in Figs. 2 and 3 the shaft is equipped with a centrally located socket 11, that receives therein a threaded screw 12 that functions to detachably secure the plate to the shaft 6. A further modified method of securing the scrubbing plate to the shaft is illustrated in Fig. 4 and in this form of the invention a pair of spring arms 13, secured to the base of the plate 7 as at 14, are utilized to effect the retention of the plate on the shaft 6.

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When it is desired to clean small articles as previously described, the same or portions thereof are first permeated with a cleansing preparation, and thereafter the goods are scrubbed on the cross ribs 8 of the plate 9. Thus spots, dirt and other foreign matter are readily removed.

It is obvious from the foregoing description considered in connection with the accompanying drawing, that we have devised a most efficient appliance that can be conveniently associated with the central shaft of a washing machine, whereby soiled articles of the character described can be readily positioned to clean spots and other foreign matter therefrom.

It is to be understood that the form of our invention herewith shown and described is to be taken as a preferred example of the same and that various changes relative to the material, size, shape and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claims.

Having thus described our invention, we claim:

1. An attachment for the rotating vertical shaft positioned in the clothes holding chamber of a washing machine; comprising a plate adapted to be horizontally positioned on the top of the shaft, said plate having a raised upper surface defining a clothes scrubbing area, and a pair of arcuate shaped spring arms depending from said plate and adapted to be detachably secured to the shaft.

2. An attachment for the rotating vertical shaft positioned in the clothes holding chamber of a washing machine comprising; a plate adapted to be horizontally positioned on the top of the shaft, said plate having a flat base and a raised upper surface defining a clothes scrubbing area, a pair of arcuate shaped spring arms depending from the base of said plate, and fastening elements for detachably securing said arms to the rotating shaft.

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The following references are of record in the file of this patent:

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