

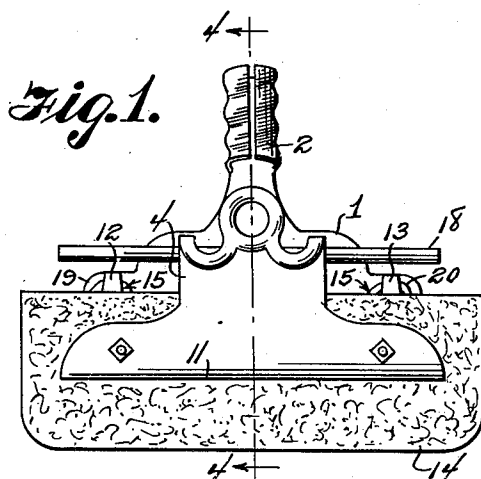
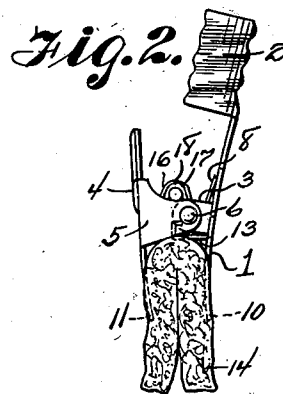
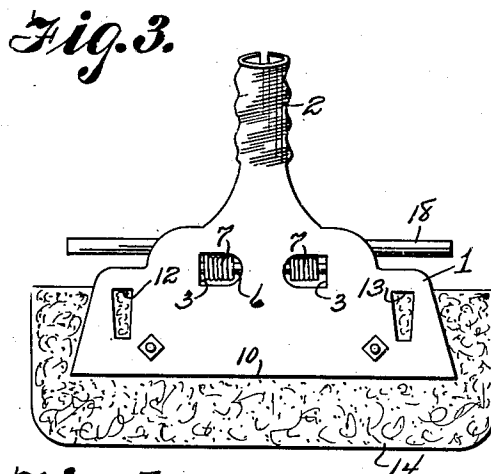
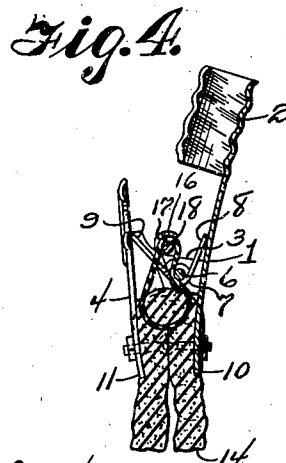
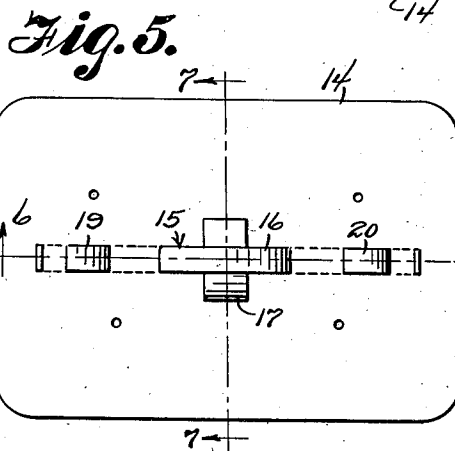
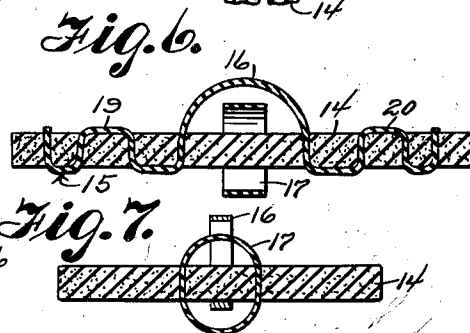
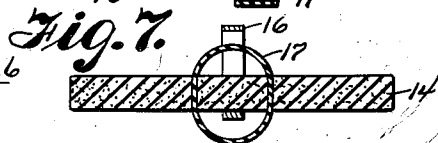
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H. SCHAFFHAUSER

2,374,782

MOP HEAD AND MOP

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MOP HEAD AND MOP

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2 Claims. (Cl. 15—244)

My invention relates to improvements in mop heads and mops.

The object of the invention is to provide a mop head designed to removably and rigidly secure a specially constructed sponge rubber mop with additional attaching means, whereby the same is more securely held in the head; and; at the same time, provides means to allow for the ready insertion and removal of the mop.

Another object of the invention is to provide a mop which can be readily constructed of sheet sponge rubber and to provide a simple and effective mop and head having certain details of structure and combination of parts hereinafter more fully described.

In the accompanying drawing,

Figure 1 is a top plan view of my improved mop head and mop;

Figure 2 is a side elevation of Figure 1;

Figure 3 is a bottom plan view;

Figure 4 is a transverse sectional view, taken on the line 4—4 of Figure 1;

Figure 5 is a top plan view of the mop in its unfolded position;

Figure 6 is a sectional view, taken on the line 6—6 of Figure 5;

Figure 7 is a transverse sectional view at right angles to Figure 6, and taken on the line 7—7 of Figure 5.

Referring now to the drawing, 1 represents the stationary jaw of my improved mop head, having at its upper end the obliquely arranged socket 2, adapted to receive the handle of the mop. The stationary jaw 1, spaced from its outer end, is provided with inwardly extending spaced ears 3. The movable, or pivoted jaw 4, is provided with spaced ears 5 adapted to hold or overlap the ears 3, and passing through the ears of both jaws is a pivot pin 6. Surrounding the pin 6 is a double coil spring 7, having its loop portion 8 engaging the stationary jaw 1, while the free ends thereof 9 engage the inner face of the movable jaw 4. By this arrangement, it will be seen that the outer free ends 10 and 11 of the stationary and movable jaws are forced together. The stationary jaw 1, at its upper end beyond the movable jaw, is provided with the hooks 12 and 13, which are for a purpose hereinafter described.

The mop 14 is preferably made of sheet sponge rubber; and, as shown in Figure 5, is of oblong form. In use, the mop is folded longitudinally, midway its side edges, and clamped between the

outer ends 10 and 11 of the stationary and pivoted jaws, as clearly shown in Figure 4 of the drawing. In order to provide additional means for holding the mop in the head, an elastic strap 15 is laced through the mop on its fold line and has a central elongated loop portion 16. Passing through the mop, midway its ends, is an elastic band 17, which extends at right angles to the elastic strap 15, as clearly shown in Figures 5 and 6 of the drawing.

With the mop constructed, as shown in Figure 5 of the drawing, and folded and clamped by the jaws, as shown in Figure 4 of the drawing, a rod 18 is threaded through the loop 16 and the elastic band 17 and bears against the ears 5 of the pivoted jaws, as clearly shown in Figure 2 of the drawing. The loop portions 19 and 20, of the lacing of the elastic strap, are hooked over the hooks 12 and 13, carried by the stationary jaw 1, as clearly shown in Figure 1 of the drawing.

By the construction shown, it will be readily seen that the sponge rubber mop is rigidly held against adjacent its lower edges by the jaws and the upper loop portion held by the elastic strap and elastic band, thus insuring that the free ends of the mop are maintained in proper alignment with each other.

Having thus described my invention, what I claim is—

1. A mop head and mop, comprising a stationary jaw having a handle receiving socket, a spring pressed movable jaw carried by said stationary jaw, a sheet sponge rubber mop folded at its mid-portion and clamped between the jaws, hooks carried by the stationary jaw at opposite ends thereof, and an elastic member laced in the fold portion of the mop and extending over said hooks.

2. A mop head and mop, comprising a stationary jaw having a handle receiving socket and provided with ears, a spring pressed movable jaw having ears pivoted to said first ears, hooks carried by the upper end of the stationary jaw, a sponge rubber mop folded at its mid-portion and clamped between the jaws, an elastic member laced in the fold portion of the mop and provided with loops extending over the hooks, a band at the center of the mop, and a rod extending through the band and through a central loop portion of the elastic member and resting upon the ears.

HILDA SCHAFFHAUSER.